

Series 82

Characteristics

The compact Series 82 is especially suited for:

- Flush design

The robust construction and the metal housing allow a high vandal resistant, which approximate a mechanical front protection of IK10.

Functions

The Series 82 incorporates the following functions:

- Indicator
- Pushbutton
- Illuminated pushbutton

Market segments

The EAO series 82 is used in the following segments:

- Machinery and Automation
- Building technology
- Panel building

Please refer to the EAO website to obtain detailed information regarding this series www.products.eao.com
Configure a product to your exact needs and request a quotation.



Overview**Flush design**

Indicator Ø 16 mm	4
Indicator Ø 19 mm	14
Indicator Ø 22 mm	24
Pushbutton Ø 16 mm	34
Pushbutton Ø 19 mm	38
Pushbutton Ø 22 mm	42
Illuminated pushbutton Ø 16 mm	46
Illuminated pushbutton Ø 19 mm	65
Illuminated pushbutton Ø 22 mm	84

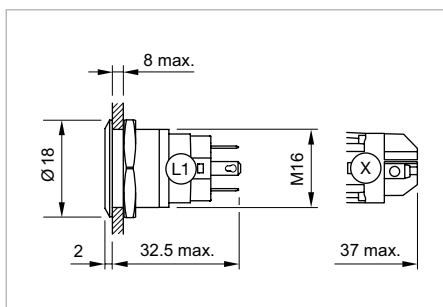
Drawings **103****Technical data** **104****Application guidelines** **106****Index** **107**

82 Flush design

Indicator 16 mm, IP 65 & IP 67

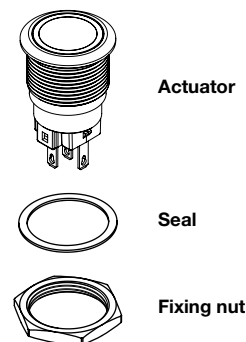


Product can differ from the current configuration.

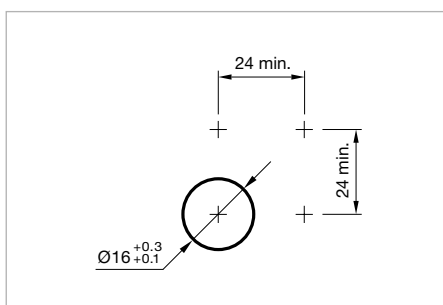


Dimensions [mm]
L1 = Solder/Plug-in terminal 2.8 x 0.5 mm,
X = Screw terminal

Equipment consisting of (schematic overview)



Each Part Number listed below includes all the black components shown in the 3D-drawing.



Mounting cut-outs [mm]

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
 Indicator 16 mm stainless-steel, Front dimension Ø 18 mm									
Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.0112	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.0113	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.0114	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.0115	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.0116	1	1	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.0122	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.0123	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.0124	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.0125	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.0126	1	1	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.0132	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.0133	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.0134	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.0135	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.0136	1	1	0.018 kg
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.0142	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.0143	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.0144	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.0145	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.0146	1	1	0.018 kg

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.0152	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.0153	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.0154	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.0155	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.0156	1	1	0.018 kg



Indicator 16 mm stainless-steel, Front dimension Ø 18 mm

Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.0212	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.0213	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.0214	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.0215	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.0216	1	1	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.0222	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.0223	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.0224	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.0225	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.0226	1	1	0.021 kg
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.0232	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.0233	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.0234	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.0235	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.0236	1	1	0.021 kg
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.0242	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.0243	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.0244	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.0245	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.0246	1	1	0.021 kg
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.0252	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.0253	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.0254	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.0255	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.0256	1	1	0.021 kg



Indicator 16 mm stainless-steel chrome-coloured, Front dimension Ø 18 mm

Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.0112	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.0113	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.0114	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.0115	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.0116	1	1	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.0122	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.0123	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.0124	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.0125	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.0126	1	1	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.0132	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.0133	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.0134	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.0135	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.0136	1	1	0.018 kg

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Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.0142	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.0143	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.0144	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.0145	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.0146	1	1	0.018 kg
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.0152	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.0153	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.0154	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.0155	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.0156	1	1	0.018 kg
 Indicator 16 mm stainless-steel chrome-coloured, Front dimension Ø 18 mm									
Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.0212	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.0213	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.0214	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.0215	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.0216	1	1	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.0222	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.0223	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.0224	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.0225	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.0226	1	1	0.021 kg
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.0232	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.0233	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.0234	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.0235	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.0236	1	1	0.021 kg
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.0242	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.0243	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.0244	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.0245	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.0246	1	1	0.021 kg
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.0252	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.0253	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.0254	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.0255	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.0256	1	1	0.021 kg

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
 Indicator 16 mm Brass, Front dimension Ø 18 mm									
Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.0112	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.0113	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.0114	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.0115	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.0116	1	1	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.0122	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.0123	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.0124	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.0125	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.0126	1	1	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.0132	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.0133	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.0134	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.0135	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.0136	1	1	0.018 kg
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.0142	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.0143	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.0144	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.0145	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.0146	1	1	0.018 kg
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.0152	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.0153	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.0154	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.0155	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.0156	1	1	0.018 kg
 Indicator 16 mm Brass, Front dimension Ø 18 mm									
Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.0212	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.0213	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.0214	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.0215	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.0216	1	1	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.0222	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.0223	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.0224	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.0225	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.0226	1	1	0.021 kg
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.0232	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.0233	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.0234	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.0235	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.0236	1	1	0.021 kg
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.0242	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.0243	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.0244	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.0245	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.0246	1	1	0.021 kg

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Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.0252	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.0253	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.0254	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.0255	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.0256	1	1	0.021 kg
 Indicator 16 mm Aluminium, Front dimension Ø 18 mm									
Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.0112	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.0113	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.0114	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.0115	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.0116	1	1	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.0122	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.0123	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.0124	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.0125	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.0126	1	1	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.0132	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.0133	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.0134	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.0135	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.0136	1	1	0.018 kg
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.0142	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.0143	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.0144	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.0145	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.0146	1	1	0.018 kg
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.0152	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.0153	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.0154	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.0155	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.0156	1	1	0.018 kg
 Indicator 16 mm Aluminium, Front dimension Ø 18 mm									
Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.0212	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.0213	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.0214	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.0215	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.0216	1	1	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.0222	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.0223	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.0224	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.0225	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.0226	1	1	0.021 kg
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.0232	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.0233	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.0234	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.0235	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.0236	1	1	0.021 kg

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.0242	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.0243	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.0244	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.0245	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.0246	1	1	0.021 kg
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.0252	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.0253	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.0254	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.0255	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.0256	1	1	0.021 kg



Indicator 16 mm stainless-steel, Front dimension Ø 18 mm

Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4152.0112	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4152.0113	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4152.0114	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4152.0115	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4152.0116	1	1	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4152.0122	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4152.0123	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4152.0124	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4152.0125	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4152.0126	1	1	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4152.0132	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4152.0133	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4152.0134	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4152.0135	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4152.0136	1	1	0.018 kg
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4152.0142	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4152.0143	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4152.0144	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4152.0145	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4152.0146	1	1	0.018 kg
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4152.0152	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4152.0153	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4152.0154	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4152.0155	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4152.0156	1	1	0.018 kg



Indicator 16 mm stainless-steel, Front dimension Ø 18 mm

Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4152.0212	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4152.0213	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4152.0214	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4152.0215	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4152.0216	1	1	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4152.0222	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4152.0223	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4152.0224	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4152.0225	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4152.0226	1	1	0.021 kg

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Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4152.0232	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4152.0233	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4152.0234	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4152.0235	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4152.0236	1	1	0.021 kg
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4152.0242	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4152.0243	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4152.0244	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4152.0245	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4152.0246	1	1	0.021 kg
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4152.0252	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4152.0253	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4152.0254	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4152.0255	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4152.0256	1	1	0.021 kg



Indicator 16 mm stainless-steel chrome-coloured, Front dimension Ø 18 mm

Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4252.0112	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4252.0113	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4252.0114	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4252.0115	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4252.0116	1	1	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4252.0122	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4252.0123	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4252.0124	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4252.0125	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4252.0126	1	1	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4252.0132	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4252.0133	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4252.0134	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4252.0135	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4252.0136	1	1	0.018 kg
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4252.0142	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4252.0143	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4252.0144	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4252.0145	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4252.0146	1	1	0.018 kg
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4252.0152	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4252.0153	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4252.0154	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4252.0155	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4252.0156	1	1	0.018 kg

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
 Indicator 16 mm stainless-steel chrome-coloured, Front dimension Ø 18 mm									
Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4252.0212	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4252.0213	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4252.0214	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4252.0215	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4252.0216	1	1	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4252.0222	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4252.0223	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4252.0224	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4252.0225	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4252.0226	1	1	0.021 kg
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4252.0232	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4252.0233	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4252.0234	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4252.0235	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4252.0236	1	1	0.021 kg
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4252.0242	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4252.0243	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4252.0244	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4252.0245	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4252.0246	1	1	0.021 kg
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4252.0252	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4252.0253	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4252.0254	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4252.0255	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4252.0256	1	1	0.021 kg
 Indicator 16 mm Brass, Front dimension Ø 18 mm									
Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4352.0112	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4352.0113	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4352.0114	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4352.0115	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4352.0116	1	1	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4352.0122	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4352.0123	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4352.0124	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4352.0125	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4352.0126	1	1	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4352.0132	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4352.0133	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4352.0134	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4352.0135	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4352.0136	1	1	0.018 kg
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4352.0142	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4352.0143	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4352.0144	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4352.0145	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4352.0146	1	1	0.018 kg

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Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4352.0152	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4352.0153	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4352.0154	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4352.0155	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4352.0156	1	1	0.018 kg
 Indicator 16 mm Brass, Front dimension Ø 18 mm									
Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4352.0212	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4352.0213	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4352.0214	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4352.0215	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4352.0216	1	1	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4352.0222	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4352.0223	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4352.0224	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4352.0225	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4352.0226	1	1	0.021 kg
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4352.0232	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4352.0233	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4352.0234	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4352.0235	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4352.0236	1	1	0.021 kg
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4352.0242	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4352.0243	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4352.0244	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4352.0245	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4352.0246	1	1	0.021 kg
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4352.0252	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4352.0253	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4352.0254	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4352.0255	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4352.0256	1	1	0.021 kg
 Indicator 16 mm Aluminium, Front dimension Ø 18 mm									
Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4552.0112	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4552.0113	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4552.0114	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4552.0115	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4552.0116	1	1	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4552.0122	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4552.0123	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4552.0124	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4552.0125	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4552.0126	1	1	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4552.0132	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4552.0133	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4552.0134	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4552.0135	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4552.0136	1	1	0.018 kg

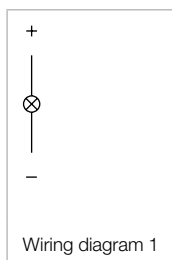
Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4552.0142	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4552.0143	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4552.0144	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4552.0145	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4552.0146	1	1	0.018 kg
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4552.0152	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4552.0153	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4552.0154	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4552.0155	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4552.0156	1	1	0.018 kg



Indicator 16 mm Aluminium, Front dimension Ø 18 mm

Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4552.0212	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4552.0213	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4552.0214	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4552.0215	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4552.0216	1	1	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4552.0222	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4552.0223	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4552.0224	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4552.0225	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4552.0226	1	1	0.021 kg
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4552.0232	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4552.0233	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4552.0234	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4552.0235	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4552.0236	1	1	0.021 kg
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4552.0242	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4552.0243	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4552.0244	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4552.0245	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4552.0246	1	1	0.021 kg
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4552.0252	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4552.0253	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4552.0254	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4552.0255	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4552.0256	1	1	0.021 kg

The component layouts you will find from page 103

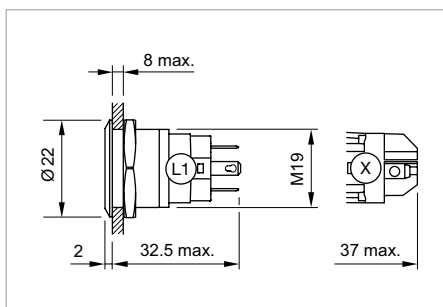


82 Flush design

Indicator 19 mm, IP 65 & IP 67

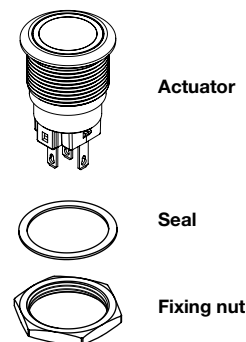


Product can differ from the current configuration.

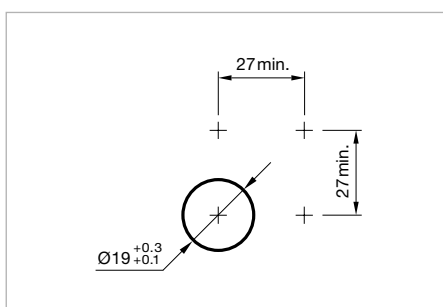


Dimensions [mm]
L1 = Solder/Plug-in terminal 2.8 x 0.5 mm,
X = Screw terminal

Equipment consisting of (schematic overview)



Each Part Number listed below includes all the black components shown in the 3D-drawing.



Mounting cut-outs [mm]

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
 Indicator 19 mm stainless-steel, Front dimension Ø 22 mm									
Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.0112	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.0113	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.0114	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.0115	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.0116	1	1	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.0122	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.0123	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.0124	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.0125	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.0126	1	1	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.0132	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.0133	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.0134	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.0135	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.0136	1	1	0.018 kg
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.0142	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.0143	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.0144	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.0145	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.0146	1	1	0.018 kg

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.0152	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.0153	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.0154	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.0155	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.0156	1	1	0.018 kg



Indicator 19 mm stainless-steel, Front dimension Ø 22 mm

Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.0212	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.0213	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.0214	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.0215	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.0216	1	1	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.0222	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.0223	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.0224	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.0225	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.0226	1	1	0.021 kg
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.0232	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.0233	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.0234	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.0235	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.0236	1	1	0.021 kg
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.0242	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.0243	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.0244	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.0245	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.0246	1	1	0.021 kg
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.0252	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.0253	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.0254	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.0255	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.0256	1	1	0.021 kg



Indicator 19 mm stainless-steel chrome-coloured, Front dimension Ø 22 mm

Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.0112	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.0113	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.0114	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.0115	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.0116	1	1	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.0122	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.0123	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.0124	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.0125	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.0126	1	1	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.0132	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.0133	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.0134	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.0135	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.0136	1	1	0.018 kg

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Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.0142	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.0143	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.0144	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.0145	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.0146	1	1	0.018 kg
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.0152	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.0153	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.0154	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.0155	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.0156	1	1	0.018 kg
 Indicator 19 mm stainless-steel chrome-coloured, Front dimension Ø 22 mm									
Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.0212	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.0213	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.0214	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.0215	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.0216	1	1	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.0222	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.0223	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.0224	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.0225	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.0226	1	1	0.021 kg
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.0232	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.0233	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.0234	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.0235	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.0236	1	1	0.021 kg
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.0242	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.0243	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.0244	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.0245	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.0246	1	1	0.021 kg
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.0252	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.0253	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.0254	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.0255	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.0256	1	1	0.021 kg

illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
 Indicator 19 mm Brass, Front dimension Ø 22 mm									
Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.0112	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.0113	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.0114	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.0115	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.0116	1	1	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.0122	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.0123	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.0124	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.0125	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.0126	1	1	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.0132	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.0133	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.0134	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.0135	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.0136	1	1	0.018 kg
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.0142	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.0143	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.0144	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.0145	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.0146	1	1	0.018 kg
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.0152	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.0153	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.0154	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.0155	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.0156	1	1	0.018 kg
 Indicator 19 mm Brass, Front dimension Ø 22 mm									
Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.0212	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.0213	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.0214	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.0215	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.0216	1	1	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.0222	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.0223	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.0224	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.0225	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.0226	1	1	0.021 kg
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.0232	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.0233	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.0234	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.0235	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.0236	1	1	0.021 kg
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.0242	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.0243	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.0244	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.0245	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.0246	1	1	0.021 kg

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Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.0252	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.0253	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.0254	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.0255	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.0256	1	1	0.021 kg
 Indicator 19 mm Aluminium, Front dimension Ø 22 mm									
Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.0112	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.0113	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.0114	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.0115	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.0116	1	1	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.0122	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.0123	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.0124	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.0125	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.0126	1	1	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.0132	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.0133	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.0134	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.0135	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.0136	1	1	0.018 kg
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.0142	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.0143	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.0144	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.0145	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.0146	1	1	0.018 kg
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.0152	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.0153	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.0154	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.0155	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.0156	1	1	0.018 kg
 Indicator 19 mm Aluminium, Front dimension Ø 22 mm									
Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.0212	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.0213	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.0214	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.0215	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.0216	1	1	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.0222	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.0223	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.0224	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.0225	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.0226	1	1	0.021 kg
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.0232	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.0233	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.0234	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.0235	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.0236	1	1	0.021 kg

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.0242	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.0243	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.0244	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.0245	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.0246	1	1	0.021 kg
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.0252	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.0253	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.0254	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.0255	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.0256	1	1	0.021 kg



Indicator 19 mm stainless-steel, Front dimension Ø 22 mm

Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5152.0112	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5152.0113	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5152.0114	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5152.0115	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5152.0116	1	1	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5152.0122	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5152.0123	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5152.0124	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5152.0125	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5152.0126	1	1	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5152.0132	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5152.0133	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5152.0134	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5152.0135	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5152.0136	1	1	0.018 kg
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5152.0142	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5152.0143	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5152.0144	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5152.0145	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5152.0146	1	1	0.018 kg
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5152.0152	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5152.0153	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5152.0154	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5152.0155	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5152.0156	1	1	0.018 kg



Indicator 19 mm stainless-steel, Front dimension Ø 22 mm

Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5152.0212	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5152.0213	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5152.0214	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5152.0215	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5152.0216	1	1	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5152.0222	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5152.0223	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5152.0224	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5152.0225	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5152.0226	1	1	0.021 kg

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Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5152.0232	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5152.0233	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5152.0234	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5152.0235	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5152.0236	1	1	0.021 kg
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5152.0242	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5152.0243	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5152.0244	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5152.0245	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5152.0246	1	1	0.021 kg
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5152.0252	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5152.0253	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5152.0254	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5152.0255	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5152.0256	1	1	0.021 kg
 Indicator 19 mm stainless-steel chrome-coloured, Front dimension Ø 22 mm									
Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5252.0112	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5252.0113	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5252.0114	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5252.0115	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5252.0116	1	1	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5252.0122	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5252.0123	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5252.0124	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5252.0125	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5252.0126	1	1	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5252.0132	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5252.0133	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5252.0134	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5252.0135	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5252.0136	1	1	0.018 kg
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5252.0142	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5252.0143	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5252.0144	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5252.0145	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5252.0146	1	1	0.018 kg
Ring mit LED weiss	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5252.0152	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5252.0153	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5252.0154	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5252.0155	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5252.0156	1	1	0.018 kg

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
 Indicator 19 mm stainless-steel chrome-coloured, Front dimension Ø 22 mm									
Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5252.0212	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5252.0213	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5252.0214	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5252.0215	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5252.0216	1	1	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5252.0222	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5252.0223	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5252.0224	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5252.0225	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5252.0226	1	1	0.021 kg
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5252.0232	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5252.0233	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5252.0234	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5252.0235	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5252.0236	1	1	0.021 kg
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5252.0242	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5252.0243	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5252.0244	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5252.0245	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5252.0246	1	1	0.021 kg
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5252.0252	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5252.0253	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5252.0254	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5252.0255	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5252.0256	1	1	0.021 kg
 Indicator 19 mm Brass, Front dimension Ø 22 mm									
Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5352.0112	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5352.0113	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5352.0114	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5352.0115	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5352.0116	1	1	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5352.0122	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5352.0123	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5352.0124	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5352.0125	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5352.0126	1	1	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5352.0132	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5352.0133	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5352.0134	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5352.0135	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5352.0136	1	1	0.018 kg
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5352.0142	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5352.0143	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5352.0144	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5352.0145	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5352.0146	1	1	0.018 kg

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Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5352.0152	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5352.0153	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5352.0154	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5352.0155	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5352.0156	1	1	0.018 kg
 Indicator 19 mm Brass, Front dimension Ø 22 mm									
Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5352.0212	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5352.0213	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5352.0214	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5352.0215	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5352.0216	1	1	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5352.0222	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5352.0223	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5352.0224	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5352.0225	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5352.0226	1	1	0.021 kg
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5352.0232	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5352.0233	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5352.0234	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5352.0235	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5352.0236	1	1	0.021 kg
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5352.0242	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5352.0243	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5352.0244	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5352.0245	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5352.0246	1	1	0.021 kg
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5352.0252	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5352.0253	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5352.0254	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5352.0255	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5352.0256	1	1	0.021 kg
 Indicator 19 mm Aluminium, Front dimension Ø 22 mm									
Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5552.0112	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5552.0113	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5552.0114	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5552.0115	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5552.0116	1	1	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5552.0122	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5552.0123	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5552.0124	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5552.0125	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5552.0126	1	1	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5552.0132	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5552.0133	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5552.0134	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5552.0135	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5552.0136	1	1	0.018 kg

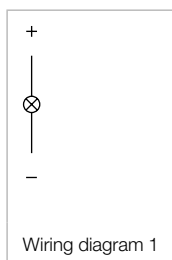
Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5552.0142	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5552.0143	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5552.0144	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5552.0145	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5552.0146	1	1	0.018 kg
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5552.0152	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5552.0153	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5552.0154	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5552.0155	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5552.0156	1	1	0.018 kg



Indicator 19 mm Aluminium, Front dimension Ø 22 mm

Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5552.0212	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5552.0213	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5552.0214	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5552.0215	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5552.0216	1	1	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5552.0222	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5552.0223	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5552.0224	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5552.0225	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5552.0226	1	1	0.021 kg
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5552.0232	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5552.0233	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5552.0234	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5552.0235	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5552.0236	1	1	0.021 kg
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5552.0242	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5552.0243	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5552.0244	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5552.0245	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5552.0246	1	1	0.021 kg
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5552.0252	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5552.0253	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5552.0254	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5552.0255	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5552.0256	1	1	0.021 kg

The component layouts you will find from page 103

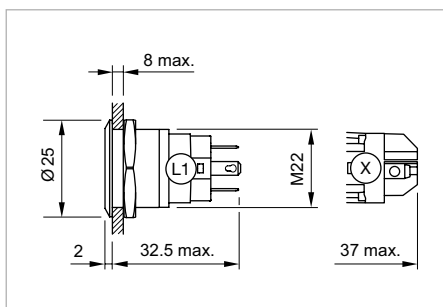


82 Flush design

Indicator 22 mm, IP 65 & IP 67

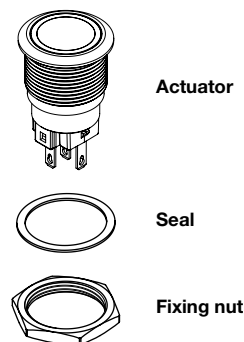


Product can differ from the current configuration.

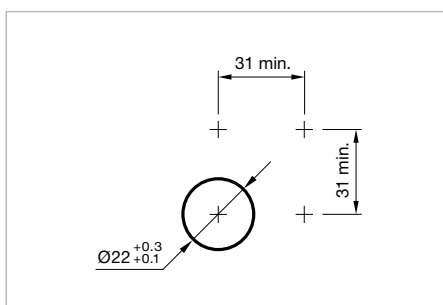


Dimensions [mm]
L1 = Solder/Plug-in terminal 2.8 x 0.5 mm,
X = Screw terminal

Equipment consisting of (schematic overview)



Each Part Number listed below includes all the black components shown in the 3D-drawing.



Mounting cut-outs [mm]

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
 Indicator 22 mm stainless-steel, Front dimension Ø 25 mm									
Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.0112	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.0113	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.0114	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.0115	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.0116	1	1	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.0122	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.0123	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.0124	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.0125	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.0126	1	1	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.0132	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.0133	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.0134	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.0135	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.0136	1	1	0.018 kg
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.0142	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.0143	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.0144	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.0145	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.0146	1	1	0.018 kg

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.0152	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.0153	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.0154	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.0155	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.0156	1	1	0.018 kg



Indicator 22 mm stainless-steel, Front dimension Ø 25 mm

Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.0212	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.0213	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.0214	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.0215	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.0216	1	1	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.0222	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.0223	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.0224	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.0225	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.0226	1	1	0.021 kg
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.0232	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.0233	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.0234	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.0235	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.0236	1	1	0.021 kg
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.0242	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.0243	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.0244	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.0245	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.0246	1	1	0.021 kg
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.0252	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.0253	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.0254	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.0255	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.0256	1	1	0.021 kg



Indicator 22 mm stainless-steel chrome-coloured, Front dimension Ø 25 mm

Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.0112	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.0113	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.0114	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.0115	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.0116	1	1	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.0122	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.0123	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.0124	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.0125	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.0126	1	1	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.0132	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.0133	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.0134	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.0135	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.0136	1	1	0.018 kg

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Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.0142	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.0143	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.0144	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.0145	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.0146	1	1	0.018 kg
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.0152	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.0153	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.0154	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.0155	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.0156	1	1	0.018 kg
 Indicator 22 mm stainless-steel chrome-coloured, Front dimension Ø 25 mm									
Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.0212	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.0213	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.0214	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.0215	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.0216	1	1	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.0222	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.0223	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.0224	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.0225	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.0226	1	1	0.021 kg
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.0232	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.0233	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.0234	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.0235	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.0236	1	1	0.021 kg
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.0242	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.0243	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.0244	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.0245	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.0246	1	1	0.021 kg
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.0252	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.0253	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.0254	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.0255	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.0256	1	1	0.021 kg

illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
 Indicator 22 mm Brass, Front dimension Ø 25 mm									
Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.0112	1	1	0.018 kg
Ring with red LED	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.0113	1	1	0.018 kg
Ring with red LED	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.0114	1	1	0.018 kg
Ring with red LED	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.0115	1	1	0.018 kg
Ring with red LED	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.0116	1	1	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.0122	1	1	0.018 kg
Ring with blue LED	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.0123	1	1	0.018 kg
Ring with blue LED	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.0124	1	1	0.018 kg
Ring with blue LED	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.0125	1	1	0.018 kg
Ring with blue LED	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.0126	1	1	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.0132	1	1	0.018 kg
Ring with green LED	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.0133	1	1	0.018 kg
Ring with green LED	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.0134	1	1	0.018 kg
Ring with green LED	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.0135	1	1	0.018 kg
Ring with green LED	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.0136	1	1	0.018 kg
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.0142	1	1	0.018 kg
Ring with yellow LED	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.0143	1	1	0.018 kg
Ring with yellow LED	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.0144	1	1	0.018 kg
Ring with yellow LED	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.0145	1	1	0.018 kg
Ring with yellow LED	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.0146	1	1	0.018 kg
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.0152	1	1	0.018 kg
Ring with white LED	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.0153	1	1	0.018 kg
Ring with white LED	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.0154	1	1	0.018 kg
Ring with white LED	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.0155	1	1	0.018 kg
Ring with white LED	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.0156	1	1	0.018 kg
 Indicator 22 mm Brass, Front dimension Ø 25 mm									
Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.0212	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.0213	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.0214	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.0215	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.0216	1	1	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.0222	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.0223	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.0224	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.0225	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.0226	1	1	0.021 kg
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.0232	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.0233	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.0234	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.0235	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.0236	1	1	0.021 kg
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.0242	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.0243	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.0244	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.0245	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.0246	1	1	0.021 kg

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Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.0252	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.0253	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.0254	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.0255	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.0256	1	1	0.021 kg
 Indicator 22 mm Aluminium, Front dimension Ø 25 mm									
Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.0112	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.0113	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.0114	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.0115	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.0116	1	1	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.0122	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.0123	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.0124	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.0125	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.0126	1	1	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.0132	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.0133	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.0134	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.0135	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.0136	1	1	0.018 kg
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.0142	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.0143	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.0144	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.0145	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.0146	1	1	0.018 kg
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.0152	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.0153	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.0154	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.0155	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.0156	1	1	0.018 kg
 Indicator 22 mm Aluminium, Front dimension Ø 25 mm									
Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.0212	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.0213	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.0214	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.0215	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.0216	1	1	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.0222	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.0223	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.0224	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.0225	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.0226	1	1	0.021 kg
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.0232	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.0233	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.0234	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.0235	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.0236	1	1	0.021 kg

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.0242	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.0243	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.0244	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.0245	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.0246	1	1	0.021 kg
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.0252	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.0253	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.0254	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.0255	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.0256	1	1	0.021 kg



Indicator 22 mm stainless-steel, Front dimension Ø 25 mm

Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6152.0112	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6152.0113	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6152.0114	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6152.0115	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6152.0116	1	1	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6152.0122	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6152.0123	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6152.0124	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6152.0125	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6152.0126	1	1	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6152.0132	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6152.0133	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6152.0134	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6152.0135	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6152.0136	1	1	0.018 kg
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6152.0142	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6152.0143	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6152.0144	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6152.0145	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6152.0146	1	1	0.018 kg
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6152.0152	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6152.0153	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6152.0154	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6152.0155	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6152.0156	1	1	0.018 kg



Indicator 22 mm stainless-steel, Front dimension Ø 25 mm

Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6152.0212	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6152.0213	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6152.0214	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6152.0215	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6152.0216	1	1	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6152.0222	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6152.0223	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6152.0224	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6152.0225	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6152.0226	1	1	0.021 kg

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Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6152.0232	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6152.0233	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6152.0234	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6152.0235	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6152.0236	1	1	0.021 kg
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6152.0242	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6152.0243	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6152.0244	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6152.0245	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6152.0246	1	1	0.021 kg
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6152.0252	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6152.0253	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6152.0254	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6152.0255	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6152.0256	1	1	0.021 kg



Indicator 22 mm stainless-steel chrome-coloured, Front dimension Ø 25 mm

Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6252.0112	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6252.0113	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6252.0114	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6252.0115	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6252.0116	1	1	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6252.0122	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6252.0123	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6252.0124	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6252.0125	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6252.0126	1	1	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6252.0132	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6252.0133	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6252.0134	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6252.0135	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6252.0136	1	1	0.018 kg
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6252.0142	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6252.0143	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6252.0144	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6252.0145	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6252.0146	1	1	0.018 kg
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6252.0152	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6252.0153	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6252.0154	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6252.0155	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6252.0156	1	1	0.018 kg

illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
 Indicator 22 mm stainless-steel chrome-coloured, Front dimension Ø 25 mm									
Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6252.0212	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6252.0213	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6252.0214	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6252.0215	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6252.0216	1	1	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6252.0222	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6252.0223	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6252.0224	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6252.0225	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6252.0226	1	1	0.021 kg
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6252.0232	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6252.0233	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6252.0234	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6252.0235	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6252.0236	1	1	0.021 kg
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6252.0242	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6252.0243	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6252.0244	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6252.0245	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6252.0246	1	1	0.021 kg
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6252.0252	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6252.0253	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6252.0254	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6252.0255	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6252.0256	1	1	0.021 kg
 Indicator 22 mm Brass, Front dimension Ø 25 mm									
Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6352.0112	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6352.0113	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6352.0114	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6352.0115	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6352.0116	1	1	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6352.0122	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6352.0123	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6352.0124	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6352.0125	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6352.0126	1	1	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6352.0132	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6352.0133	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6352.0134	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6352.0135	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6352.0136	1	1	0.018 kg
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6352.0142	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6352.0143	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6352.0144	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6352.0145	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6352.0146	1	1	0.018 kg

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Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6352.0152	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6352.0153	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6352.0154	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6352.0155	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6352.0156	1	1	0.018 kg



Indicator 22 mm Brass, Front dimension Ø 25 mm

Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6352.0212	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6352.0213	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6352.0214	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6352.0215	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6352.0216	1	1	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6352.0222	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6352.0223	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6352.0224	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6352.0225	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6352.0226	1	1	0.021 kg
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6352.0232	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6352.0233	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6352.0234	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6352.0235	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6352.0236	1	1	0.021 kg
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6352.0242	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6352.0243	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6352.0244	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6352.0245	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6352.0246	1	1	0.021 kg
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6352.0252	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6352.0253	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6352.0254	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6352.0255	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6352.0256	1	1	0.021 kg



Indicator 22 mm Aluminium, Front dimension Ø 25 mm

Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6552.0112	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6552.0113	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6552.0114	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6552.0115	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6552.0116	1	1	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6552.0122	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6552.0123	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6552.0124	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6552.0125	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6552.0126	1	1	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6552.0132	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6552.0133	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6552.0134	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6552.0135	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6552.0136	1	1	0.018 kg

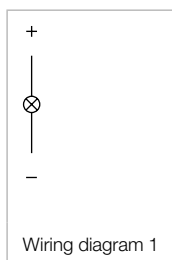
Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6552.0142	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6552.0143	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6552.0144	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6552.0145	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6552.0146	1	1	0.018 kg
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6552.0152	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6552.0153	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6552.0154	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6552.0155	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6552.0156	1	1	0.018 kg



Indicator 22 mm Aluminium, Front dimension Ø 25 mm

Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6552.0212	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6552.0213	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6552.0214	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6552.0215	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6552.0216	1	1	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6552.0222	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6552.0223	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6552.0224	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6552.0225	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6552.0226	1	1	0.021 kg
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6552.0232	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6552.0233	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6552.0234	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6552.0235	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6552.0236	1	1	0.021 kg
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6552.0242	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6552.0243	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6552.0244	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6552.0245	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6552.0246	1	1	0.021 kg
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6552.0252	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6552.0253	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6552.0254	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6552.0255	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6552.0256	1	1	0.021 kg

The component layouts you will find from page 103

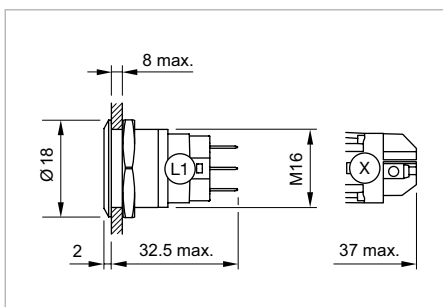


82 Flush design

Pushbutton 16 mm, IP 65 & IP 67

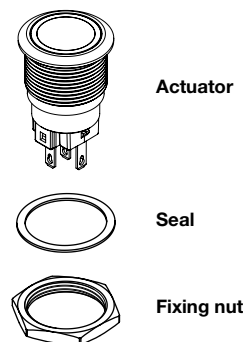


Product can differ from the current configuration.



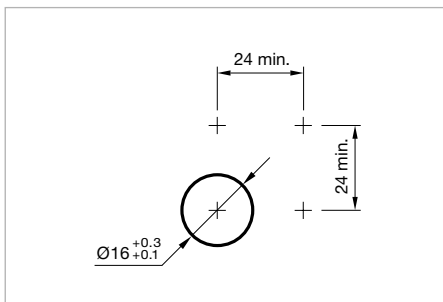
Dimensions [mm]
L1 = Solder/Plug-in terminal 2.8 x 0.5 mm,
X = Screw terminal

Equipment consisting of (schematic overview)



Additional Information

- Contacts: 1 chance over (NC/NO)



Mounting cut-outs [mm]

Each Part Number listed below includes all the black components shown in the 3D-drawing.

Front ring shape	Lens	Switching action	Terminal	Part No.	Component layout	Wiring diagram	Weight
							
Pushbutton 16 mm stainless-steel, Front dimension Ø 18 mm							
flush	flat / level with front ring	B	Solder 2.8 x 0.5 mm	82-4151.1000	2	1	0.018 kg
		C	Solder 2.8 x 0.5 mm	82-4151.2000	2	2	0.018 kg
							
Pushbutton 16 mm stainless-steel, Front dimension Ø 18 mm							
flush	flat / raised above front ring	B	Solder 2.8 x 0.5 mm	82-4161.1000	2	1	0.020 kg
		C	Solder 2.8 x 0.5 mm	82-4161.2000	2	2	0.020 kg
							
Pushbutton 16 mm stainless-steel, Front dimension Ø 18 mm							
flush	convex / level with front ring	B	Solder 2.8 x 0.5 mm	82-4171.1000	2	1	0.019 kg
		C	Solder 2.8 x 0.5 mm	82-4171.2000	2	2	0.019 kg
raised	convex / raised above front ring	B	Solder 2.8 x 0.5 mm	82-4181.1000	2	1	0.023 kg
		C	Solder 2.8 x 0.5 mm	82-4181.2000	2	2	0.023 kg
							
Pushbutton 16 mm stainless-steel chrome-coloured, Front dimension Ø 18 mm							
flush	flat / level with front ring	B	Solder 2.8 x 0.5 mm	82-4251.1000	2	1	0.018 kg
		C	Solder 2.8 x 0.5 mm	82-4251.2000	2	2	0.018 kg

Front ring shape	Lens	Switching action	Terminal	Part No.	Compo- nent layout	Wiring diagram	Weight
							
Pushbutton 16 mm stainless-steel chrome-coloured, Front dimension Ø 18 mm							
flush	flat / raised above fron ring	B	Solder 2.8 x 0.5 mm	82-4261.1000	2	1	0.020 kg
		C	Solder 2.8 x 0.5 mm	82-4261.2000	2	2	0.020 kg
							
Pushbutton 16 mm stainless-steel chrome-coloured, Front dimension Ø 18 mm							
flush	convex / level with front ring	B	Solder 2.8 x 0.5 mm	82-4271.1000	2	1	0.019 kg
		C	Solder 2.8 x 0.5 mm	82-4271.2000	2	2	0.019 kg
raised	convex / raised above front ring	B	Solder 2.8 x 0.5 mm	82-4281.1000	2	1	0.023 kg
		C	Solder 2.8 x 0.5 mm	82-4281.2000	2	2	0.023 kg
							
Pushbutton 16 mm Brass, Front dimension Ø 18 mm							
flush	flat / level with front ring	B	Solder 2.8 x 0.5 mm	82-4351.1000	2	1	0.018 kg
		C	Solder 2.8 x 0.5 mm	82-4351.2000	2	2	0.018 kg
							
Pushbutton 16 mm Brass, Front dimension Ø 18 mm							
flush	flat / raised above fron ring	B	Solder 2.8 x 0.5 mm	82-4361.1000	2	1	0.020 kg
		C	Solder 2.8 x 0.5 mm	82-4361.2000	2	2	0.020 kg
							
Pushbutton 16 mm Brass, Front dimension Ø 18 mm							
flush	convex / level with front ring	B	Solder 2.8 x 0.5 mm	82-4371.1000	2	1	0.019 kg
		C	Solder 2.8 x 0.5 mm	82-4371.2000	2	2	0.019 kg
raised	convex / raised above front ring	B	Solder 2.8 x 0.5 mm	82-4381.1000	2	1	0.023 kg
		C	Solder 2.8 x 0.5 mm	82-4381.2000	2	2	0.023 kg
							
Pushbutton 16 mm Aluminium, Front dimension Ø 18 mm							
flush	flat / level with front ring	B	Solder 2.8 x 0.5 mm	82-4551.1000	2	1	0.018 kg
		C	Solder 2.8 x 0.5 mm	82-4551.2000	2	2	0.018 kg
							
Pushbutton 16 mm Aluminium, Front dimension Ø 18 mm							
flush	flat / raised above fron ring	B	Solder 2.8 x 0.5 mm	82-4561.1000	2	1	0.020 kg
		C	Solder 2.8 x 0.5 mm	82-4561.2000	2	2	0.020 kg
Front ring shape	Lens	Switching action	Terminal	Part No.	Compo- nent layout	Wiring diagram	Weight

82 Flush design



Pushbutton 16 mm Aluminium, Front dimension Ø 18 mm

flush	convex / level with front ring	B	Solder 2.8 x 0.5 mm	82-4571.1000	2	1	0.019 kg
		C	Solder 2.8 x 0.5 mm	82-4571.2000	2	2	0.019 kg
raised	convex / raised above front ring	B	Solder 2.8 x 0.5 mm	82-4581.1000	2	1	0.023 kg
		C	Solder 2.8 x 0.5 mm	82-4581.2000	2	2	0.023 kg



Pushbutton 16 mm stainless-steel, Front dimension Ø 18 mm

flush	flat / level with front ring	B	Screw	82-4152.1000	2	1	0.018 kg
		C	Screw	82-4152.2000	2	2	0.018 kg



Pushbutton 16 mm stainless-steel, Front dimension Ø 18 mm

flush	flat / raised above front ring	B	Screw	82-4162.1000	2	1	0.020 kg
		C	Screw	82-4162.2000	2	2	0.020 kg



Pushbutton 16 mm stainless-steel, Front dimension Ø 18 mm

flush	convex / level with front ring	B	Screw	82-4172.1000	2	1	0.019 kg
		C	Screw	82-4172.2000	2	2	0.019 kg
raised	convex / raised above front ring	B	Screw	82-4182.1000	2	1	0.023 kg
		C	Screw	82-4182.2000	2	2	0.023 kg



Pushbutton 16 mm stainless-steel chrome-coloured, Front dimension Ø 18 mm

flush	flat / level with front ring	B	Screw	82-4252.1000	2	1	0.018 kg
		C	Screw	82-4252.2000	2	2	0.018 kg



Pushbutton 16 mm stainless-steel chrome-coloured, Front dimension Ø 18 mm

flush	flat / raised above front ring	B	Screw	82-4262.1000	2	1	0.020 kg
		C	Screw	82-4262.2000	2	2	0.020 kg



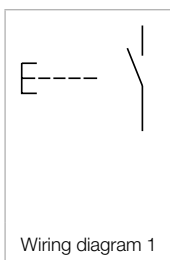
Pushbutton 16 mm stainless-steel chrome-coloured, Front dimension Ø 18 mm

flush	convex / level with front ring	B	Screw	82-4272.1000	2	1	0.019 kg
		C	Screw	82-4272.2000	2	2	0.019 kg
raised	convex / raised above front ring	B	Screw	82-4282.1000	2	1	0.023 kg
		C	Screw	82-4282.2000	2	2	0.023 kg

Front ring shape	Lens	Switching action	Terminal	Part No.	Component layout	Wiring diagram	Weight
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Pushbutton 16 mm Brass, Front dimension Ø 18 mm							
flush	flat / level with front ring	B	Screw	82-4352.1000	2	1	0.018 kg
		C	Screw	82-4352.2000	2	2	0.018 kg
							
Pushbutton 16 mm Brass, Front dimension Ø 18 mm							
flush	flat / raised above fron ring	B	Screw	82-4362.1000	2	1	0.020 kg
		C	Screw	82-4362.2000	2	2	0.020 kg
							
Pushbutton 16 mm Brass, Front dimension Ø 18 mm							
flush	convex / level with front ring	B	Screw	82-4372.1000	2	1	0.019 kg
		C	Screw	82-4372.2000	2	2	0.019 kg
raised	convex / raised above front ring	B	Screw	82-4382.1000	2	1	0.023 kg
		C	Screw	82-4382.2000	2	2	0.023 kg
							
Pushbutton 16 mm Aluminium, Front dimension Ø 18 mm							
flush	flat / level with front ring	B	Screw	82-4552.1000	2	1	0.018 kg
		C	Screw	82-4552.2000	2	2	0.018 kg
							
Pushbutton 16 mm Aluminium, Front dimension Ø 18 mm							
flush	flat / raised above fron ring	B	Screw	82-4562.1000	2	1	0.020 kg
		C	Screw	82-4562.2000	2	2	0.020 kg
							
Pushbutton 16 mm Aluminium, Front dimension Ø 18 mm							
flush	convex / level with front ring	B	Screw	82-4572.1000	2	1	0.019 kg
		C	Screw	82-4572.2000	2	2	0.019 kg
raised	convex / raised above front ring	B	Screw	82-4582.1000	2	1	0.023 kg
		C	Screw	82-4582.2000	2	2	0.023 kg

Switching action: B = Momentary, C = Maintained
The component layouts you will find from page 103

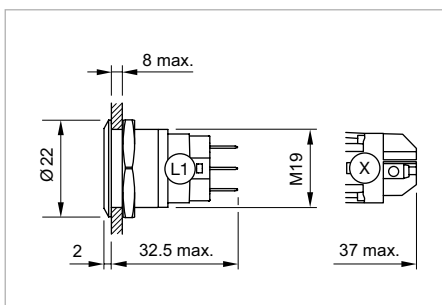


82 Flush design

Pushbutton 19 mm, IP 65 & IP 67

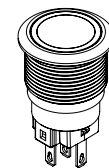


Product can differ from the current configuration.



Dimensions [mm]
L1 = Solder/Plug-in terminal 2.8 x 0.5 mm,
X = Screw terminal

Equipment consisting of (schematic overview)



Actuator



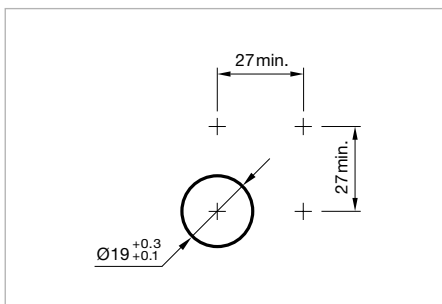
Seal



Fixing nut

Additional Information

- Contacts: 1 chance over (NC/NO)



Mounting cut-outs [mm]

Each Part Number listed below includes all the black components shown in the 3D-drawing.

Front ring shape	Lens	Switching action	Terminal	Part No.	Component layout	Wiring diagram	Weight
							
Pushbutton 19 mm stainless-steel, Front dimension Ø 22 mm							
flush	flat / level with front ring	B	Solder 2.8 x 0.5 mm	82-5151.1000	2	1	0.018 kg
		C	Solder 2.8 x 0.5 mm	82-5151.2000	2	2	0.018 kg
							
Pushbutton 19 mm stainless-steel, Front dimension Ø 22 mm							
flush	flat / raised above front ring	B	Solder 2.8 x 0.5 mm	82-5161.1000	2	1	0.020 kg
		C	Solder 2.8 x 0.5 mm	82-5161.2000	2	2	0.020 kg
							
Pushbutton 19 mm stainless-steel, Front dimension Ø 22 mm							
flush	convex / level with front ring	B	Solder 2.8 x 0.5 mm	82-5171.1000	2	1	0.019 kg
		C	Solder 2.8 x 0.5 mm	82-5171.2000	2	2	0.019 kg
raised	convex / raised above front ring	B	Solder 2.8 x 0.5 mm	82-5181.1000	2	1	0.023 kg
		C	Solder 2.8 x 0.5 mm	82-5181.2000	2	2	0.023 kg
							
Pushbutton 19 mm stainless-steel chrome-coloured, Front dimension Ø 22 mm							
flush	flat / level with front ring	B	Solder 2.8 x 0.5 mm	82-5251.1000	2	1	0.018 kg
		C	Solder 2.8 x 0.5 mm	82-5251.2000	2	2	0.018 kg

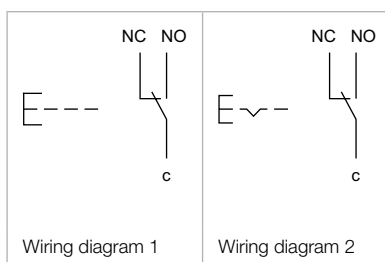
Front ring shape	Lens	Switching action	Terminal	Part No.	Component layout	Wiring diagram	Weight
							
Pushbutton 19 mm stainless-steel chrome-coloured, Front dimension Ø 22 mm							
flush	flat / raised above fron ring	B	Solder 2.8 x 0.5 mm	82-5261.1000	2	1	0.020 kg
		C	Solder 2.8 x 0.5 mm	82-5261.2000	2	2	0.020 kg
							
Pushbutton 19 mm stainless-steel chrome-coloured, Front dimension Ø 22 mm							
flush	convex / level with front ring	B	Solder 2.8 x 0.5 mm	82-5271.1000	2	1	0.019 kg
		C	Solder 2.8 x 0.5 mm	82-5271.2000	2	2	0.019 kg
raised	convex / raised above front ring	B	Solder 2.8 x 0.5 mm	82-5281.1000	2	1	0.023 kg
		C	Solder 2.8 x 0.5 mm	82-5281.2000	2	2	0.023 kg
							
Pushbutton 19 mm Brass, Front dimension Ø 22 mm							
flush	flat / level with front ring	B	Solder 2.8 x 0.5 mm	82-5351.1000	2	1	0.018 kg
		C	Solder 2.8 x 0.5 mm	82-5351.2000	2	2	0.018 kg
							
Pushbutton 19 mm Brass, Front dimension Ø 22 mm							
flush	flat / raised above fron ring	B	Solder 2.8 x 0.5 mm	82-5361.1000	2	1	0.020 kg
		C	Solder 2.8 x 0.5 mm	82-5361.2000	2	2	0.020 kg
							
Pushbutton 19 mm Brass, Front dimension Ø 22 mm							
flush	convex / level with front ring	B	Solder 2.8 x 0.5 mm	82-5371.1000	2	1	0.019 kg
		C	Solder 2.8 x 0.5 mm	82-5371.2000	2	2	0.019 kg
raised	convex / raised above front ring	B	Solder 2.8 x 0.5 mm	82-5381.1000	2	1	0.023 kg
		C	Solder 2.8 x 0.5 mm	82-5381.2000	2	2	0.023 kg
							
Pushbutton 19 mm Aluminium, Front dimension Ø 22 mm							
flush	flat / level with front ring	B	Solder 2.8 x 0.5 mm	82-5551.1000	2	1	0.018 kg
		C	Solder 2.8 x 0.5 mm	82-5551.2000	2	2	0.018 kg
							
Pushbutton 19 mm Aluminium, Front dimension Ø 22 mm							
flush	flat / raised above fron ring	B	Solder 2.8 x 0.5 mm	82-5561.1000	2	1	0.020 kg
		C	Solder 2.8 x 0.5 mm	82-5561.2000	2	2	0.020 kg

82 Flush design

Front ring shape	Lens	Switching action	Terminal	Part No.	Component layout	Wiring diagram	Weight
							
Pushbutton 19 mm Aluminium, Front dimension Ø 22 mm							
flush	convex / level with front ring	B	Solder 2.8 x 0.5 mm	82-5571.1000	2	1	0.019 kg
		C	Solder 2.8 x 0.5 mm	82-5571.2000	2	2	0.019 kg
raised	convex / raised above front ring	B	Solder 2.8 x 0.5 mm	82-5581.1000	2	1	0.023 kg
		C	Solder 2.8 x 0.5 mm	82-5581.2000	2	2	0.023 kg
							
Pushbutton 19 mm stainless-steel, Front dimension Ø 22 mm							
flush	flat / level with front ring	B	Screw	82-5152.1000	2	1	0.018 kg
		C	Screw	82-5152.2000	2	2	0.018 kg
							
Pushbutton 19 mm stainless-steel, Front dimension Ø 22 mm							
flush	flat / raised above fron ring	B	Screw	82-5162.1000	2	1	0.020 kg
		C	Screw	82-5162.2000	2	2	0.020 kg
							
Pushbutton 19 mm stainless-steel, Front dimension Ø 22 mm							
flush	convex / level with front ring	B	Screw	82-5172.1000	2	1	0.019 kg
		C	Screw	82-5172.2000	2	2	0.019 kg
raised	convex / raised above front ring	B	Screw	82-5182.1000	2	1	0.023 kg
		C	Screw	82-5182.2000	2	2	0.023 kg
							
Pushbutton 19 mm stainless-steel chrome-coloured, Front dimension Ø 22 mm							
flush	flat / level with front ring	B	Screw	82-5252.1000	2	1	0.018 kg
		C	Screw	82-5252.2000	2	2	0.018 kg
							
Pushbutton 19 mm stainless-steel chrome-coloured, Front dimension Ø 22 mm							
flush	flat / raised above fron ring	B	Screw	82-5262.1000	2	1	0.020 kg
		C	Screw	82-5262.2000	2	2	0.020 kg
							
Pushbutton 19 mm stainless-steel chrome-coloured, Front dimension Ø 22 mm							
flush	convex / level with front ring	B	Screw	82-5272.1000	2	1	0.019 kg
		C	Screw	82-5272.2000	2	2	0.019 kg
raised	convex / raised above front ring	B	Screw	82-5282.1000	2	1	0.023 kg
		C	Screw	82-5282.2000	2	2	0.023 kg

Front ring shape	Lens	Switching action	Terminal	Part No.	Component layout	Wiring diagram	Weight
 Pushbutton 19 mm Brass, Front dimension Ø 22 mm							
flush	flat / level with front ring	B	Screw	82-5352.1000	2	1	0.018 kg
		C	Screw	82-5352.2000	2	2	0.018 kg
 Pushbutton 19 mm Brass, Front dimension Ø 22 mm							
flush	flat / raised above front ring	B	Screw	82-5362.1000	2	1	0.020 kg
		C	Screw	82-5362.2000	2	2	0.020 kg
 Pushbutton 19 mm Brass, Front dimension Ø 22 mm							
flush	convex / level with front ring	B	Screw	82-5372.1000	2	1	0.019 kg
		C	Screw	82-5372.2000	2	2	0.019 kg
raised	convex / raised above front ring	B	Screw	82-5382.1000	2	1	0.023 kg
		C	Screw	82-5382.2000	2	2	0.023 kg
 Pushbutton 19 mm Aluminium, Front dimension Ø 22 mm							
flush	flat / level with front ring	B	Screw	82-5552.1000	2	1	0.018 kg
		C	Screw	82-5552.2000	2	2	0.018 kg
 Pushbutton 19 mm Aluminium, Front dimension Ø 22 mm							
flush	flat / raised above front ring	B	Screw	82-5562.1000	2	1	0.020 kg
		C	Screw	82-5562.2000	2	2	0.020 kg
 Pushbutton 19 mm Aluminium, Front dimension Ø 22 mm							
flush	convex / level with front ring	B	Screw	82-5572.1000	2	1	0.019 kg
		C	Screw	82-5572.2000	2	2	0.019 kg
raised	convex / raised above front ring	B	Screw	82-5582.1000	2	1	0.023 kg
		C	Screw	82-5582.2000	2	2	0.023 kg

Switching action: B = Momentary, C = Maintained
The component layouts you will find from page 103

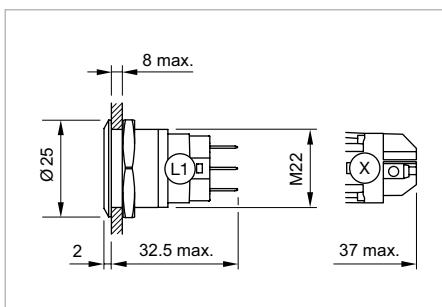


82 Flush design

Pushbutton 22 mm, IP 65 & IP 67

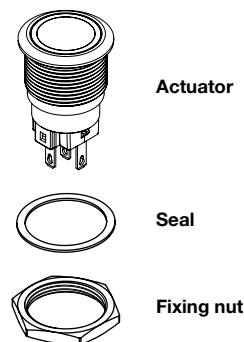


Product can differ from the current configuration.



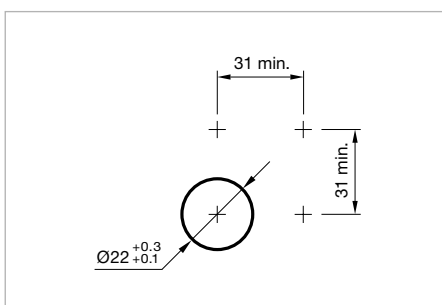
Dimensions [mm]
L1 = Solder/Plug-in terminal 2.8 x 0.5 mm,
X = Screw terminal

Equipment consisting of (schematic overview)



Additional Information

- Contacts: 1 chance over (NC/NO)



Mounting cut-outs [mm]

Each Part Number listed below includes all the black components shown in the 3D-drawing.

Front ring shape	Lens	Switching action	Terminal	Part No.	Component layout	Wiring diagram	Weight
							
Pushbutton 22 mm stainless-steel, Front dimension Ø 25 mm							
flush	flat / level with front ring	B	Solder 2.8 x 0.5 mm	82-6151.1000	2	1	0.018 kg
		C	Solder 2.8 x 0.5 mm	82-6151.2000	2	2	0.018 kg
							
Pushbutton 22 mm stainless-steel, Front dimension Ø 25 mm							
flush	flat / raised above front ring	B	Solder 2.8 x 0.5 mm	82-6161.1000	2	1	0.020 kg
		C	Solder 2.8 x 0.5 mm	82-6161.2000	2	2	0.020 kg
							
Pushbutton 22 mm stainless-steel, Front dimension Ø 25 mm							
flush	convex / level with front ring	B	Solder 2.8 x 0.5 mm	82-6171.1000	2	1	0.019 kg
		C	Solder 2.8 x 0.5 mm	82-6171.2000	2	2	0.019 kg
raised	convex / raised above front ring	B	Solder 2.8 x 0.5 mm	82-6181.1000	2	1	0.023 kg
		C	Solder 2.8 x 0.5 mm	82-6181.2000	2	2	0.023 kg
							
Pushbutton 22 mm stainless-steel chrome-coloured, Front dimension Ø 25 mm							
flush	flat / level with front ring	B	Solder 2.8 x 0.5 mm	82-6251.1000	2	1	0.018 kg
		C	Solder 2.8 x 0.5 mm	82-6251.2000	2	2	0.018 kg

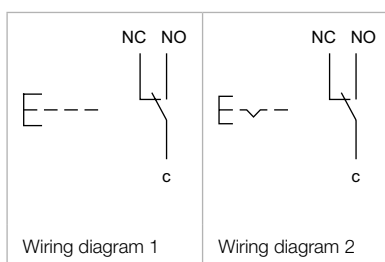
Front ring shape	Lens	Switching action	Terminal	Part No.	Component layout	Wiring diagram	Weight
							
Pushbutton 22 mm stainless-steel chrome-coloured, Front dimension Ø 25 mm							
flush	flat / raised above fron ring	B	Solder 2.8 x 0.5 mm	82-6261.1000	2	1	0.020 kg
		C	Solder 2.8 x 0.5 mm	82-6261.2000	2	2	0.020 kg
							
Pushbutton 22 mm stainless-steel chrome-coloured, Front dimension Ø 25 mm							
flush	convex / level with front ring	B	Solder 2.8 x 0.5 mm	82-6271.1000	2	1	0.019 kg
		C	Solder 2.8 x 0.5 mm	82-6271.2000	2	2	0.019 kg
raised	convex / raised above front ring	B	Solder 2.8 x 0.5 mm	82-6281.1000	2	1	0.023 kg
		C	Solder 2.8 x 0.5 mm	82-6281.2000	2	2	0.023 kg
							
Pushbutton 22 mm Brass, Front dimension Ø 25 mm							
flush	flat / level with front ring	B	Solder 2.8 x 0.5 mm	82-6351.1000	2	1	0.018 kg
		C	Solder 2.8 x 0.5 mm	82-6351.2000	2	2	0.018 kg
							
Pushbutton 22 mm Brass, Front dimension Ø 25 mm							
flush	flat / raised above fron ring	B	Solder 2.8 x 0.5 mm	82-6361.1000	2	1	0.020 kg
		C	Solder 2.8 x 0.5 mm	82-6361.2000	2	2	0.020 kg
							
Pushbutton 22 mm Brass, Front dimension Ø 25 mm							
flush	convex / level with front ring	B	Solder 2.8 x 0.5 mm	82-6371.1000	2	1	0.019 kg
		C	Solder 2.8 x 0.5 mm	82-6371.2000	2	2	0.019 kg
raised	convex / raised above front ring	B	Solder 2.8 x 0.5 mm	82-6381.1000	2	1	0.023 kg
		C	Solder 2.8 x 0.5 mm	82-6381.2000	2	2	0.023 kg
							
Pushbutton 22 mm Aluminium, Front dimension Ø 25 mm							
flush	flat / level with front ring	B	Solder 2.8 x 0.5 mm	82-6551.1000	2	1	0.018 kg
		C	Solder 2.8 x 0.5 mm	82-6551.2000	2	2	0.018 kg
							
Pushbutton 22 mm Aluminium, Front dimension Ø 25 mm							
flush	flat / raised above fron ring	B	Solder 2.8 x 0.5 mm	82-6561.1000	2	1	0.020 kg
		C	Solder 2.8 x 0.5 mm	82-6561.2000	2	2	0.020 kg

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Front ring shape	Lens	Switching action	Terminal	Part No.	Compo- nent layout	Wiring diagram	Weight
							
Pushbutton 22 mm Aluminium, Front dimension Ø 25 mm							
flush	convex / level with front ring	B	Solder 2.8 x 0.5 mm	82-6571.1000	2	1	0.019 kg
		C	Solder 2.8 x 0.5 mm	82-6571.2000	2	2	0.019 kg
raised	convex / raised above front ring	B	Solder 2.8 x 0.5 mm	82-6581.1000	2	1	0.023 kg
		C	Solder 2.8 x 0.5 mm	82-6581.2000	2	2	0.023 kg
							
Pushbutton 22 mm stainless-steel, Front dimension Ø 25 mm							
flush	flat / level with front ring	B	Screw	82-6152.1000	2	1	0.018 kg
		C	Screw	82-6152.2000	2	2	0.018 kg
							
Pushbutton 22 mm stainless-steel, Front dimension Ø 25 mm							
flush	flat / raised above fron ring	B	Screw	82-6162.1000	2	1	0.020 kg
		C	Screw	82-6162.2000	2	2	0.020 kg
							
Pushbutton 22 mm stainless-steel, Front dimension Ø 25 mm							
flush	convex / level with front ring	B	Screw	82-6172.1000	2	1	0.019 kg
		C	Screw	82-6172.2000	2	2	0.019 kg
raised	convex / raised above front ring	B	Screw	82-6182.1000	2	1	0.023 kg
		C	Screw	82-6182.2000	2	2	0.023 kg
							
Pushbutton 22 mm stainless-steel chrome-coloured, Front dimension Ø 25 mm							
flush	flat / level with front ring	B	Screw	82-6252.1000	2	1	0.018 kg
		C	Screw	82-6252.2000	2	2	0.018 kg
							
Pushbutton 22 mm stainless-steel chrome-coloured, Front dimension Ø 25 mm							
flush	flat / raised above fron ring	B	Screw	82-6262.1000	2	1	0.020 kg
		C	Screw	82-6262.2000	2	2	0.020 kg
							
Pushbutton 22 mm stainless-steel chrome-coloured, Front dimension Ø 25 mm							
flush	convex / level with front ring	B	Screw	82-6272.1000	2	1	0.019 kg
		C	Screw	82-6272.2000	2	2	0.019 kg
raised	convex / raised above front ring	B	Screw	82-6282.1000	2	1	0.023 kg
		C	Screw	82-6282.2000	2	2	0.023 kg

Front ring shape	Lens	Switching action	Terminal	Part No.	Component layout	Wiring diagram	Weight
 Pushbutton 22 mm Brass, Front dimension Ø 25 mm							
flush	flat / level with front ring	B	Screw	82-6352.1000	2	1	0.018 kg
		C	Screw	82-6352.2000	2	2	0.018 kg
 Pushbutton 22 mm Brass, Front dimension Ø 25 mm							
flush	flat / raised above front ring	B	Screw	82-6362.1000	2	1	0.020 kg
		C	Screw	82-6362.2000	2	2	0.020 kg
 Pushbutton 22 mm Brass, Front dimension Ø 25 mm							
flush	convex / level with front ring	B	Screw	82-6372.1000	2	1	0.019 kg
		C	Screw	82-6372.2000	2	2	0.019 kg
raised	convex / raised above front ring	B	Screw	82-6382.1000	2	1	0.023 kg
		C	Screw	82-6382.2000	2	2	0.023 kg
 Pushbutton 22 mm Aluminium, Front dimension Ø 25 mm							
flush	flat / level with front ring	B	Screw	82-6552.1000	2	1	0.018 kg
		C	Screw	82-6552.2000	2	2	0.018 kg
 Pushbutton 22 mm Aluminium, Front dimension Ø 25 mm							
flush	flat / raised above front ring	B	Screw	82-6562.1000	2	1	0.020 kg
		C	Screw	82-6562.2000	2	2	0.020 kg
 Pushbutton 22 mm Aluminium, Front dimension Ø 25 mm							
flush	convex / level with front ring	B	Screw	82-6572.1000	2	1	0.019 kg
		C	Screw	82-6572.2000	2	2	0.019 kg
raised	convex / raised above front ring	B	Screw	82-6582.1000	2	1	0.023 kg
		C	Screw	82-6582.2000	2	2	0.023 kg

Switching action: B = Momentary, C = Maintained
The component layouts you will find from page 103

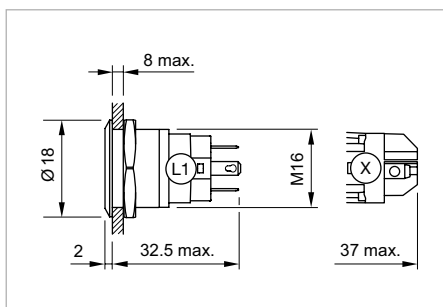


82 Flush design

Illuminated pushbutton 16 mm, IP 65 & IP 67

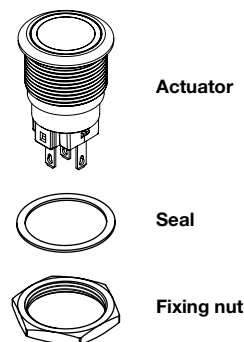


Product can differ from the current configuration.



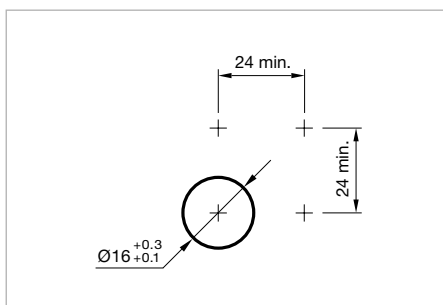
Dimensions [mm]
L1 = Solder/Plug-in terminal 2.8 x 0.5 mm,
X = Screw terminal

Equipment consisting of (schematic overview)



Additional Information

- Contacts: 1 chance over (NC/NO)



Mounting cut-outs [mm]

Each Part Number listed below includes all the black components shown in the 3D-drawing.

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
 Illuminated pushbutton 16 mm stainless-steel, momentary, Front dimension Ø 18 mm									
Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.1112	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.1113	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.1114	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.1115	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.1116	3	1	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.1122	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.1123	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.1124	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.1125	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.1126	3	1	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.1132	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.1133	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.1134	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.1135	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.1136	3	1	0.018 kg
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.1142	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.1143	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.1144	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.1145	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.1146	3	1	0.018 kg

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.1152	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.1153	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.1154	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.1155	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.1156	3	1	0.018 kg



Illuminated pushbutton 16 mm stainless-steel, momentary, Front dimension Ø 18 mm

Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.1212	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.1213	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.1214	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.1215	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.1216	3	1	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.1222	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.1223	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.1224	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.1225	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.1226	3	1	0.021 kg
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.1232	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.1233	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.1234	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.1235	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.1236	3	1	0.021 kg
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.1242	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.1243	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.1244	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.1245	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.1246	3	1	0.021 kg
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.1252	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.1253	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.1254	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.1255	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.1256	3	1	0.021 kg



Illuminated pushbutton 16 mm stainless-steel, maintain, Front dimension Ø 18 mm

Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.2112	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.2113	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.2114	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.2115	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.2116	3	2	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.2122	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.2123	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.2124	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.2125	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.2126	3	2	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.2132	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.2133	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.2134	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.2135	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.2136	3	2	0.018 kg

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Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.2142	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.2143	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.2144	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.2145	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.2146	3	2	0.018 kg
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.2152	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.2153	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.2154	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.2155	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.2156	3	2	0.018 kg



Illuminated pushbutton 16 mm stainless-steel, maintain, Front dimension Ø 18 mm

Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.2212	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.2213	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.2214	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.2215	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.2216	3	2	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.2222	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.2223	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.2224	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.2225	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.2226	3	2	0.021 kg
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.2232	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.2233	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.2234	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.2235	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.2236	3	2	0.021 kg
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.2242	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.2243	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.2244	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.2245	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.2246	3	2	0.021 kg
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.2252	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.2253	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.2254	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.2255	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.2256	3	2	0.021 kg



Illuminated pushbutton 16 mm stainless-steel chrome-coloured, momentary, Front dimension Ø 18 mm

Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.1112	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.1113	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.1114	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.1115	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.1116	3	1	0.018 kg

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.1122	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.1123	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.1124	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.1125	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.1126	3	1	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.1132	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.1133	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.1134	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.1135	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.1136	3	1	0.018 kg
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.1142	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.1143	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.1144	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.1145	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.1146	3	1	0.018 kg
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.1152	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.1153	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.1154	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.1155	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.1156	3	1	0.018 kg



Illuminated pushbutton 16 mm stainless-steel chrome-coloured, momentary, Front dimension Ø 18 mm

Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.1212	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.1213	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.1214	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.1215	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.1216	3	1	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.1222	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.1223	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.1224	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.1225	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.1226	3	1	0.021 kg
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.1232	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.1233	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.1234	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.1235	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.1236	3	1	0.021 kg
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.1242	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.1243	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.1244	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.1245	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.1246	3	1	0.021 kg
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.1252	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.1253	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.1254	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.1255	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.1256	3	1	0.021 kg

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Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
 Illuminated pushbutton 16 mm stainless-steel chrome-coloured, maintain, Front dimension Ø 18 mm									
Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.2112	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.2113	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.2114	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.2115	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.2116	3	2	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.2122	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.2123	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.2124	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.2125	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.2126	3	2	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.2132	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.2133	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.2134	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.2135	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.2136	3	2	0.018 kg
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.2142	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.2143	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.2144	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.2145	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.2146	3	2	0.018 kg
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.2152	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.2153	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.2154	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.2155	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.2156	3	2	0.018 kg
 Illuminated pushbutton 16 mm stainless-steel chrome-coloured, maintain, Front dimension Ø 18 mm									
Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.2212	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.2213	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.2214	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.2215	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.2216	3	2	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.2222	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.2223	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.2224	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.2225	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.2226	3	2	0.021 kg
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.2232	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.2233	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.2234	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.2235	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.2236	3	2	0.021 kg
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.2242	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.2243	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.2244	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.2245	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.2246	3	2	0.021 kg

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.2252	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.2253	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.2254	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.2255	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.2256	3	2	0.021 kg



Illuminated pushbutton 16 mm Brass, momentary, Front dimension Ø 18 mm

Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.1112	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.1113	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.1114	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.1115	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.1116	3	1	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.1122	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.1123	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.1124	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.1125	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.1126	3	1	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.1132	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.1133	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.1134	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.1135	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.1136	3	1	0.018 kg
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.1142	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.1143	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.1144	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.1145	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.1146	3	1	0.018 kg
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.1152	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.1153	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.1154	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.1155	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.1156	3	1	0.018 kg



Illuminated pushbutton 16 mm Brass, momentary, Front dimension Ø 18 mm

Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.1212	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.1213	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.1214	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.1215	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.1216	3	1	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.1222	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.1223	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.1224	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.1225	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.1226	3	1	0.021 kg
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.1232	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.1233	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.1234	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.1235	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.1236	3	1	0.021 kg

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Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.1242	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.1243	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.1244	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.1245	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.1246	3	1	0.021 kg
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.1252	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.1253	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.1254	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.1255	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.1256	3	1	0.021 kg



Illuminated pushbutton 16 mm Brass, maintain, Front dimension Ø 18 mm

Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.2112	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.2113	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.2114	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.2115	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.2116	3	2	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.2122	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.2123	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.2124	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.2125	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.2126	3	2	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.2132	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.2133	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.2134	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.2135	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.2136	3	2	0.018 kg
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.2142	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.2143	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.2144	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.2145	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.2146	3	2	0.018 kg
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.2152	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.2153	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.2154	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.2155	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.2156	3	2	0.018 kg



Illuminated pushbutton 16 mm Brass, maintain, Front dimension Ø 18 mm

Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.2212	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.2213	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.2214	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.2215	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.2216	3	2	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.2222	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.2223	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.2224	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.2225	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.2226	3	2	0.021 kg

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.2232	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.2233	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.2234	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.2235	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.2236	3	2	0.021 kg
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.2242	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.2243	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.2244	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.2245	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.2246	3	2	0.021 kg
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.2252	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.2253	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.2254	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.2255	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.2256	3	2	0.021 kg



Illuminated pushbutton 16 mm Aluminium, momentary, Front dimension Ø 18 mm

Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.1112	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.1113	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.1114	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.1115	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.1116	3	1	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.1122	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.1123	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.1124	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.1125	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.1126	3	1	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.1132	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.1133	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.1134	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.1135	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.1136	3	1	0.018 kg
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.1142	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.1143	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.1144	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.1145	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.1146	3	1	0.018 kg
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.1152	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.1153	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.1154	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.1155	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.1156	3	1	0.018 kg

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Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
 Illuminated pushbutton 16 mm Aluminium, momentary, Front dimension Ø 18 mm									
Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.1212	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.1213	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.1214	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.1215	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.1216	3	1	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.1222	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.1223	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.1224	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.1225	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.1226	3	1	0.021 kg
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.1232	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.1233	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.1234	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.1235	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.1236	3	1	0.021 kg
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.1242	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.1243	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.1244	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.1245	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.1246	3	1	0.021 kg
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.1252	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.1253	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.1254	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.1255	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.1256	3	1	0.021 kg
 Illuminated pushbutton 16 mm Aluminium, maintain, Front dimension Ø 18 mm									
Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.2112	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.2113	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.2114	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.2115	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.2116	3	2	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.2122	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.2123	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.2124	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.2125	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.2126	3	2	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.2132	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.2133	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.2134	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.2135	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.2136	3	2	0.018 kg
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.2142	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.2143	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.2144	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.2145	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.2146	3	2	0.018 kg

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.2152	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.2153	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.2154	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.2155	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.2156	3	2	0.018 kg



Illuminated pushbutton 16 mm Aluminium, maintain, Front dimension Ø 18 mm

Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.2212	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.2213	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.2214	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.2215	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.2216	3	2	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.2222	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.2223	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.2224	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.2225	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.2226	3	2	0.021 kg
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.2232	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.2233	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.2234	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.2235	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.2236	3	2	0.021 kg
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.2242	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.2243	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.2244	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.2245	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.2246	3	2	0.021 kg
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.2252	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.2253	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.2254	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.2255	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.2256	3	2	0.021 kg



Illuminated pushbutton 16 mm stainless-steel, momentary, Front dimension Ø 18 mm

Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4152.1112	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4152.1113	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4152.1114	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4152.1115	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4152.1116	3	1	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4152.1122	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4152.1123	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4152.1124	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4152.1125	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4152.1126	3	1	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4152.1132	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4152.1133	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4152.1134	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4152.1135	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4152.1136	3	1	0.018 kg

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Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4152.1142	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4152.1143	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4152.1144	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4152.1145	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4152.1146	3	1	0.018 kg
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4152.1152	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4152.1153	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4152.1154	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4152.1155	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4152.1156	3	1	0.018 kg



Illuminated pushbutton 16 mm stainless-steel, momentary, Front dimension Ø 18 mm

Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4152.1212	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4152.1213	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4152.1214	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4152.1215	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4152.1216	3	1	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4152.1222	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4152.1223	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4152.1224	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4152.1225	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4152.1226	3	1	0.021 kg
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4152.1232	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4152.1233	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4152.1234	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4152.1235	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4152.1236	3	1	0.021 kg
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4152.1242	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4152.1243	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4152.1244	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4152.1245	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4152.1246	3	1	0.021 kg
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4152.1252	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4152.1253	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4152.1254	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4152.1255	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4152.1256	3	1	0.021 kg



Illuminated pushbutton 16 mm stainless-steel, maintain, Front dimension Ø 18 mm

Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4152.2112	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4152.2113	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4152.2114	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4152.2115	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4152.2116	3	2	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4152.2122	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4152.2123	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4152.2124	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4152.2125	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4152.2126	3	2	0.018 kg

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4152.2132	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4152.2133	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4152.2134	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4152.2135	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4152.2136	3	2	0.018 kg
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4152.2142	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4152.2143	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4152.2144	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4152.2145	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4152.2146	3	2	0.018 kg
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4152.2152	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4152.2153	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4152.2154	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4152.2155	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4152.2156	3	2	0.018 kg



Illuminated pushbutton 16 mm stainless-steel, maintain, Front dimension Ø 18 mm

Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4152.2212	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4152.2213	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4152.2214	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4152.2215	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4152.2216	3	2	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4152.2222	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4152.2223	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4152.2224	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4152.2225	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4152.2226	3	2	0.021 kg
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4152.2232	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4152.2233	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4152.2234	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4152.2235	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4152.2236	3	2	0.021 kg
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4152.2242	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4152.2243	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4152.2244	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4152.2245	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4152.2246	3	2	0.021 kg
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4152.2252	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4152.2253	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4152.2254	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4152.2255	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4152.2256	3	2	0.021 kg

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Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
 Illuminated pushbutton 16 mm stainless-steel chrome-coloured, momentary, Front dimension Ø 18 mm									
Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4252.1112	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4252.1113	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4252.1114	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4252.1115	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4252.1116	3	1	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4252.1122	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4252.1123	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4252.1124	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4252.1125	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4252.1126	3	1	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4252.1132	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4252.1133	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4252.1134	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4252.1135	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4252.1136	3	1	0.018 kg
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4252.1142	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4252.1143	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4252.1144	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4252.1145	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4252.1146	3	1	0.018 kg
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4252.1152	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4252.1153	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4252.1154	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4252.1155	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4252.1156	3	1	0.018 kg
 Illuminated pushbutton 16 mm stainless-steel chrome-coloured, momentary, Front dimension Ø 18 mm									
Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4252.1212	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4252.1213	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4252.1214	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4252.1215	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4252.1216	3	1	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4252.1222	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4252.1223	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4252.1224	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4252.1225	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4252.1226	3	1	0.021 kg
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4252.1232	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4252.1233	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4252.1234	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4252.1235	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4252.1236	3	1	0.021 kg
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4252.1242	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4252.1243	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4252.1244	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4252.1245	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4252.1246	3	1	0.021 kg

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4252.1252	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4252.1253	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4252.1254	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4252.1255	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4252.1256	3	1	0.021 kg



Illuminated pushbutton 16 mm stainless-steel chrome-coloured, maintain, Front dimension Ø 18 mm

Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4252.2112	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4252.2113	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4252.2114	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4252.2115	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4252.2116	3	2	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4252.2122	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4252.2123	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4252.2124	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4252.2125	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4252.2126	3	2	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4252.2132	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4252.2133	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4252.2134	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4252.2135	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4252.2136	3	2	0.018 kg
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4252.2142	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4252.2143	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4252.2144	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4252.2145	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4252.2146	3	2	0.018 kg
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4252.2152	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4252.2153	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4252.2154	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4252.2155	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4252.2156	3	2	0.018 kg



Illuminated pushbutton 16 mm stainless-steel chrome-coloured, maintain, Front dimension Ø 18 mm

Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4252.2212	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4252.2213	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4252.2214	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4252.2215	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4252.2216	3	2	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4252.2222	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4252.2223	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4252.2224	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4252.2225	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4252.2226	3	2	0.021 kg

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Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4252.2232	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4252.2233	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4252.2234	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4252.2235	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4252.2236	3	2	0.021 kg
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4252.2242	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4252.2243	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4252.2244	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4252.2245	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4252.2246	3	2	0.021 kg
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4252.2252	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4252.2253	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4252.2254	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4252.2255	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4252.2256	3	2	0.021 kg



Illuminated pushbutton 16 mm Brass, momentary, Front dimension Ø 18 mm

Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4352.1112	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4352.1113	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4352.1114	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4352.1115	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4352.1116	3	1	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4352.1122	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4352.1123	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4352.1124	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4352.1125	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4352.1126	3	1	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4352.1132	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4352.1133	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4352.1134	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4352.1135	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4352.1136	3	1	0.018 kg
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4352.1142	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4352.1143	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4352.1144	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4352.1145	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4352.1146	3	1	0.018 kg
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4352.1152	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4352.1153	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4352.1154	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4352.1155	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4352.1156	3	1	0.018 kg



Illuminated pushbutton 16 mm Brass, momentary, Front dimension Ø 18 mm

Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4352.1212	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4352.1213	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4352.1214	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4352.1215	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4352.1216	3	1	0.021 kg

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4352.1222	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4352.1223	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4352.1224	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4352.1225	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4352.1226	3	1	0.021 kg
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4352.1232	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4352.1233	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4352.1234	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4352.1235	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4352.1236	3	1	0.021 kg
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4352.1242	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4352.1243	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4352.1244	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4352.1245	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4352.1246	3	1	0.021 kg
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4352.1252	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4352.1253	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4352.1254	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4352.1255	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4352.1256	3	1	0.021 kg



Illuminated pushbutton 16 mm Brass, maintain, Front dimension Ø 18 mm

Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4352.2112	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4352.2113	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4352.2114	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4352.2115	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4352.2116	3	2	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4352.2122	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4352.2123	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4352.2124	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4352.2125	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4352.2126	3	2	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4352.2132	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4352.2133	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4352.2134	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4352.2135	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4352.2136	3	2	0.018 kg
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4352.2142	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4352.2143	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4352.2144	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4352.2145	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4352.2146	3	2	0.018 kg
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4352.2152	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4352.2153	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4352.2154	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4352.2155	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4352.2156	3	2	0.018 kg

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Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
 Illuminated pushbutton 16 mm Brass, maintain, Front dimension Ø 18 mm									
Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4352.2212	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4352.2213	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4352.2214	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4352.2215	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4352.2216	3	2	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4352.2222	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4352.2223	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4352.2224	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4352.2225	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4352.2226	3	2	0.021 kg
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4352.2232	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4352.2233	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4352.2234	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4352.2235	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4352.2236	3	2	0.021 kg
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4352.2242	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4352.2243	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4352.2244	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4352.2245	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4352.2246	3	2	0.021 kg
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4352.2252	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4352.2253	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4352.2254	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4352.2255	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4352.2256	3	2	0.021 kg
 Illuminated pushbutton 16 mm Aluminium, momentary, Front dimension Ø 18 mm									
Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4552.1112	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4552.1113	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4552.1114	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4552.1115	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4552.1116	3	1	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4552.1122	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4552.1123	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4552.1124	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4552.1125	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4552.1126	3	1	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4552.1132	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4552.1133	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4552.1134	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4552.1135	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4552.1136	3	1	0.018 kg
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4552.1142	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4552.1143	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4552.1144	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4552.1145	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4552.1146	3	1	0.018 kg

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4552.1152	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4552.1153	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4552.1154	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4552.1155	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4552.1156	3	1	0.018 kg



Illuminated pushbutton 16 mm Aluminium, momentary, Front dimension Ø 18 mm

Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4552.1212	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4552.1213	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4552.1214	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4552.1215	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4552.1216	3	1	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4552.1222	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4552.1223	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4552.1224	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4552.1225	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4552.1226	3	1	0.021 kg
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4552.1232	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4552.1233	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4552.1234	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4552.1235	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4552.1236	3	1	0.021 kg
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4552.1242	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4552.1243	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4552.1244	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4552.1245	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4552.1246	3	1	0.021 kg
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4552.1252	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4552.1253	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4552.1254	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4552.1255	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4552.1256	3	1	0.021 kg



Illuminated pushbutton 16 mm Aluminium, maintain, Front dimension Ø 18 mm

Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4552.2112	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4552.2113	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4552.2114	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4552.2115	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4552.2116	3	2	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4552.2122	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4552.2123	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4552.2124	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4552.2125	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4552.2126	3	2	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4552.2132	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4552.2133	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4552.2134	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4552.2135	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4552.2136	3	2	0.018 kg

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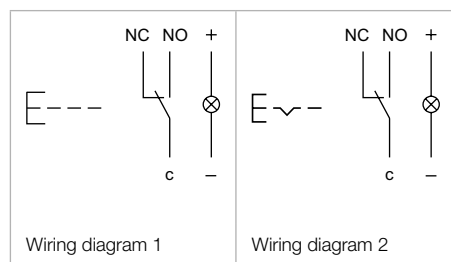
Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4552.2142	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4552.2143	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4552.2144	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4552.2145	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4552.2146	3	2	0.018 kg
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4552.2152	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4552.2153	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4552.2154	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4552.2155	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4552.2156	3	2	0.018 kg



Illuminated pushbutton 16 mm Aluminium, maintain, Front dimension Ø 18 mm

Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4552.2212	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4552.2213	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4552.2214	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4552.2215	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4552.2216	3	2	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4552.2222	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4552.2223	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4552.2224	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4552.2225	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4552.2226	3	2	0.021 kg
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4552.2232	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4552.2233	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4552.2234	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4552.2235	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4552.2236	3	2	0.021 kg
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4552.2242	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4552.2243	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4552.2244	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4552.2245	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4552.2246	3	2	0.021 kg
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4552.2252	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4552.2253	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4552.2254	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4552.2255	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4552.2256	3	2	0.021 kg

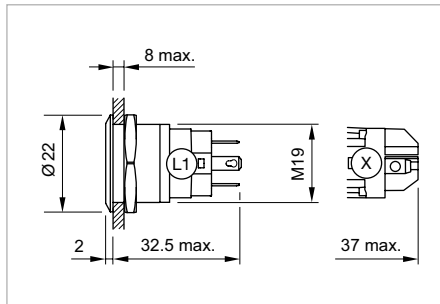
The component layouts you will find from page 103



Illuminated pushbutton 19 mm, IP 65 & IP 67

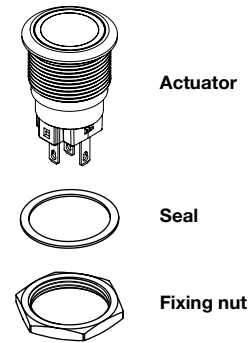


Product can differ from the current configuration.



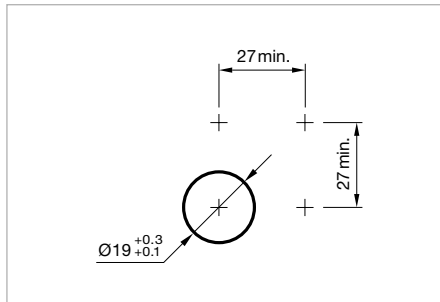
Dimensions [mm]
L1 = Solder/Plug-in terminal 2.8 x 0.5 mm,
X = Screw terminal

Equipment consisting of (schematic overview)



Additional Information

- Contacts: 1 chance over (NC/NO)



Mounting cut-outs [mm]

Each Part Number listed below includes all the black components shown in the 3D-drawing.

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
 Illuminated pushbutton 19 mm stainless-steel, momentary, Front dimension Ø 22 mm									
Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.1112	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.1113	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.1114	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.1115	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.1116	3	1	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.1122	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.1123	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.1124	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.1125	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.1126	3	1	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.1132	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.1133	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.1134	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.1135	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.1136	3	1	0.018 kg
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.1142	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.1143	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.1144	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.1145	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.1146	3	1	0.018 kg

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Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.1152	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.1153	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.1154	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.1155	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.1156	3	1	0.018 kg
 Illuminated pushbutton 19 mm stainless-steel, momentary, Front dimension Ø 22 mm									
Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.1212	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.1213	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.1214	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.1215	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.1216	3	1	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.1222	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.1223	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.1224	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.1225	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.1226	3	1	0.021 kg
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.1232	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.1233	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.1234	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.1235	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.1236	3	1	0.021 kg
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.1242	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.1243	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.1244	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.1245	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.1246	3	1	0.021 kg
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.1252	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.1253	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.1254	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.1255	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.1256	3	1	0.021 kg
 Illuminated pushbutton 19 mm stainless-steel, maintain, Front dimension Ø 22 mm									
Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.2112	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.2113	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.2114	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.2115	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.2116	3	2	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.2122	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.2123	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.2124	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.2125	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.2126	3	2	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.2132	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.2133	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.2134	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.2135	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.2136	3	2	0.018 kg

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.2142	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.2143	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.2144	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.2145	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.2146	3	2	0.018 kg
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.2152	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.2153	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.2154	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.2155	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.2156	3	2	0.018 kg



Illuminated pushbutton 19 mm stainless-steel, maintain, Front dimension Ø 22 mm

Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.2212	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.2213	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.2214	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.2215	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.2216	3	2	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.2222	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.2223	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.2224	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.2225	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.2226	3	2	0.021 kg
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.2232	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.2233	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.2234	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.2235	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.2236	3	2	0.021 kg
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.2242	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.2243	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.2244	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.2245	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.2246	3	2	0.021 kg
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.2252	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.2253	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.2254	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.2255	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.2256	3	2	0.021 kg



Illuminated pushbutton 19 mm stainless-steel chrome-coloured, momentary, Front dimension Ø 22 mm

Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.1112	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.1113	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.1114	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.1115	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.1116	3	1	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.1122	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.1123	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.1124	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.1125	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.1126	3	1	0.018 kg

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Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.1132	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.1133	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.1134	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.1135	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.1136	3	1	0.018 kg
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.1142	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.1143	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.1144	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.1145	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.1146	3	1	0.018 kg
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.1152	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.1153	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.1154	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.1155	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.1156	3	1	0.018 kg



Illuminated pushbutton 19 mm stainless-steel chrome-coloured, momentary, Front dimension Ø 22 mm

Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.1212	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.1213	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.1214	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.1215	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.1216	3	1	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.1222	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.1223	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.1224	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.1225	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.1226	3	1	0.021 kg
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.1232	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.1233	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.1234	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.1235	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.1236	3	1	0.021 kg
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.1242	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.1243	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.1244	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.1245	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.1246	3	1	0.021 kg
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.1252	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.1253	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.1254	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.1255	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.1256	3	1	0.021 kg

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
 Illuminated pushbutton 19 mm stainless-steel chrome-coloured, maintain, Front dimension Ø 22 mm									
Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.2112	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.2113	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.2114	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.2115	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.2116	3	2	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.2122	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.2123	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.2124	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.2125	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.2126	3	2	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.2132	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.2133	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.2134	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.2135	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.2136	3	2	0.018 kg
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.2142	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.2143	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.2144	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.2145	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.2146	3	2	0.018 kg
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.2152	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.2153	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.2154	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.2155	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.2156	3	2	0.018 kg
 Illuminated pushbutton 19 mm stainless-steel chrome-coloured, maintain, Front dimension Ø 22 mm									
Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.2212	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.2213	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.2214	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.2215	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.2216	3	2	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.2222	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.2223	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.2224	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.2225	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.2226	3	2	0.021 kg
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.2232	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.2233	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.2234	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.2235	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.2236	3	2	0.021 kg
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.2242	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.2243	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.2244	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.2245	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.2246	3	2	0.021 kg

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Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.2252	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.2253	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.2254	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.2255	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.2256	3	2	0.021 kg
 Illuminated pushbutton 19 mm Brass, momentary, Front dimension Ø 22 mm									
Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.1112	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.1113	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.1114	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.1115	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.1116	3	1	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.1122	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.1123	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.1124	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.1125	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.1126	3	1	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.1132	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.1133	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.1134	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.1135	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.1136	3	1	0.018 kg
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.1142	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.1143	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.1144	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.1145	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.1146	3	1	0.018 kg
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.1152	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.1153	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.1154	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.1155	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.1156	3	1	0.018 kg
 Illuminated pushbutton 19 mm Brass, momentary, Front dimension Ø 22 mm									
Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.1212	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.1213	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.1214	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.1215	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.1216	3	1	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.1222	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.1223	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.1224	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.1225	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.1226	3	1	0.021 kg
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.1232	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.1233	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.1234	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.1235	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.1236	3	1	0.021 kg

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.1242	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.1243	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.1244	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.1245	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.1246	3	1	0.021 kg
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.1252	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.1253	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.1254	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.1255	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.1256	3	1	0.021 kg



Illuminated pushbutton 19 mm Brass, maintain, Front dimension Ø 22 mm

Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.2112	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.2113	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.2114	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.2115	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.2116	3	2	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.2122	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.2123	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.2124	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.2125	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.2126	3	2	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.2132	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.2133	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.2134	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.2135	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.2136	3	2	0.018 kg
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.2142	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.2143	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.2144	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.2145	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.2146	3	2	0.018 kg
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.2152	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.2153	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.2154	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.2155	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.2156	3	2	0.018 kg



Illuminated pushbutton 19 mm Brass, maintain, Front dimension Ø 22 mm

Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.2212	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.2213	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.2214	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.2215	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.2216	3	2	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.2222	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.2223	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.2224	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.2225	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.2226	3	2	0.021 kg

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Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.2232	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.2233	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.2234	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.2235	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.2236	3	2	0.021 kg
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.2242	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.2243	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.2244	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.2245	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.2246	3	2	0.021 kg
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.2252	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.2253	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.2254	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.2255	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.2256	3	2	0.021 kg



Illuminated pushbutton 19 mm Aluminium, momentary, Front dimension Ø 22 mm

Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.1112	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.1113	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.1114	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.1115	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.1116	3	1	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.1122	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.1123	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.1124	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.1125	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.1126	3	1	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.1132	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.1133	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.1134	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.1135	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.1136	3	1	0.018 kg
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.1142	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.1143	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.1144	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.1145	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.1146	3	1	0.018 kg
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.1152	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.1153	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.1154	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.1155	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.1156	3	1	0.018 kg

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
 Illuminated pushbutton 19 mm Aluminium, momentary, Front dimension Ø 22 mm									
Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.1212	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.1213	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.1214	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.1215	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.1216	3	1	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.1222	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.1223	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.1224	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.1225	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.1226	3	1	0.021 kg
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.1232	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.1233	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.1234	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.1235	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.1236	3	1	0.021 kg
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.1242	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.1243	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.1244	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.1245	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.1246	3	1	0.021 kg
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.1252	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.1253	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.1254	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.1255	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.1256	3	1	0.021 kg
 Illuminated pushbutton 19 mm Aluminium, maintain, Front dimension Ø 22 mm									
Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.2112	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.2113	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.2114	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.2115	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.2116	3	2	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.2122	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.2123	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.2124	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.2125	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.2126	3	2	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.2132	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.2133	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.2134	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.2135	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.2136	3	2	0.018 kg
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.2142	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.2143	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.2144	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.2145	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.2146	3	2	0.018 kg

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Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.2152	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.2153	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.2154	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.2155	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.2156	3	2	0.018 kg



Illuminated pushbutton 19 mm Aluminium, maintain, Front dimension Ø 22 mm

Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.2212	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.2213	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.2214	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.2215	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.2216	3	2	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.2222	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.2223	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.2224	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.2225	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.2226	3	2	0.021 kg
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.2232	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.2233	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.2234	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.2235	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.2236	3	2	0.021 kg
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.2242	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.2243	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.2244	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.2245	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.2246	3	2	0.021 kg
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.2252	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.2253	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.2254	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.2255	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.2256	3	2	0.021 kg



Illuminated pushbutton 19 mm stainless-steel, momentary, Front dimension Ø 22 mm

Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5152.1112	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5152.1113	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5152.1114	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5152.1115	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5152.1116	3	1	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5152.1122	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5152.1123	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5152.1124	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5152.1125	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5152.1126	3	1	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5152.1132	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5152.1133	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5152.1134	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5152.1135	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5152.1136	3	1	0.018 kg

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5152.1142	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5152.1143	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5152.1144	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5152.1145	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5152.1146	3	1	0.018 kg
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5152.1152	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5152.1153	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5152.1154	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5152.1155	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5152.1156	3	1	0.018 kg



Illuminated pushbutton 19 mm stainless-steel, momentary, Front dimension Ø 22 mm

Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5152.1212	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5152.1213	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5152.1214	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5152.1215	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5152.1216	3	1	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5152.1222	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5152.1223	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5152.1224	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5152.1225	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5152.1226	3	1	0.021 kg
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5152.1232	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5152.1233	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5152.1234	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5152.1235	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5152.1236	3	1	0.021 kg
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5152.1242	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5152.1243	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5152.1244	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5152.1245	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5152.1246	3	1	0.021 kg
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5152.1252	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5152.1253	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5152.1254	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5152.1255	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5152.1256	3	1	0.021 kg



Illuminated pushbutton 19 mm stainless-steel, maintain, Front dimension Ø 22 mm

Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5152.2112	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5152.2113	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5152.2114	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5152.2115	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5152.2116	3	2	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5152.2122	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5152.2123	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5152.2124	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5152.2125	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5152.2126	3	2	0.018 kg

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Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5152.2132	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5152.2133	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5152.2134	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5152.2135	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5152.2136	3	2	0.018 kg
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5152.2142	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5152.2143	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5152.2144	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5152.2145	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5152.2146	3	2	0.018 kg
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5152.2152	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5152.2153	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5152.2154	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5152.2155	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5152.2156	3	2	0.018 kg
 Illuminated pushbutton 19 mm stainless-steel, maintain, Front dimension Ø 22 mm									
Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5152.2212	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5152.2213	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5152.2214	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5152.2215	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5152.2216	3	2	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5152.2222	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5152.2223	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5152.2224	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5152.2225	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5152.2226	3	2	0.021 kg
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5152.2232	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5152.2233	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5152.2234	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5152.2235	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5152.2236	3	2	0.021 kg
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5152.2242	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5152.2243	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5152.2244	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5152.2245	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5152.2246	3	2	0.021 kg
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5152.2252	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5152.2253	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5152.2254	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5152.2255	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5152.2256	3	2	0.021 kg

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
 Illuminated pushbutton 19 mm stainless-steel chrome-coloured, momentary, Front dimension Ø 22 mm									
Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5252.1112	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5252.1113	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5252.1114	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5252.1115	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5252.1116	3	1	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5252.1122	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5252.1123	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5252.1124	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5252.1125	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5252.1126	3	1	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5252.1132	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5252.1133	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5252.1134	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5252.1135	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5252.1136	3	1	0.018 kg
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5252.1142	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5252.1143	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5252.1144	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5252.1145	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5252.1146	3	1	0.018 kg
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5252.1152	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5252.1153	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5252.1154	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5252.1155	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5252.1156	3	1	0.018 kg
 Illuminated pushbutton 19 mm stainless-steel chrome-coloured, momentary, Front dimension Ø 22 mm									
Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5252.1212	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5252.1213	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5252.1214	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5252.1215	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5252.1216	3	1	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5252.1222	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5252.1223	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5252.1224	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5252.1225	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5252.1226	3	1	0.021 kg
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5252.1232	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5252.1233	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5252.1234	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5252.1235	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5252.1236	3	1	0.021 kg
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5252.1242	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5252.1243	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5252.1244	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5252.1245	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5252.1246	3	1	0.021 kg

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Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5252.1252	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5252.1253	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5252.1254	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5252.1255	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5252.1256	3	1	0.021 kg
 Illuminated pushbutton 19 mm stainless-steel chrome-coloured, maintain, Front dimension Ø 22 mm									
Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5252.2112	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5252.2113	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5252.2114	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5252.2115	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5252.2116	3	2	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5252.2122	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5252.2123	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5252.2124	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5252.2125	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5252.2126	3	2	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5252.2132	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5252.2133	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5252.2134	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5252.2135	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5252.2136	3	2	0.018 kg
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5252.2142	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5252.2143	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5252.2144	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5252.2145	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5252.2146	3	2	0.018 kg
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5252.2152	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5252.2153	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5252.2154	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5252.2155	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5252.2156	3	2	0.018 kg
 Illuminated pushbutton 19 mm stainless-steel chrome-coloured, maintain, Front dimension Ø 22 mm									
Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5252.2212	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5252.2213	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5252.2214	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5252.2215	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5252.2216	3	2	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5252.2222	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5252.2223	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5252.2224	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5252.2225	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5252.2226	3	2	0.021 kg

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5252.2232	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5252.2233	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5252.2234	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5252.2235	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5252.2236	3	2	0.021 kg
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5252.2242	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5252.2243	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5252.2244	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5252.2245	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5252.2246	3	2	0.021 kg
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5252.2252	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5252.2253	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5252.2254	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5252.2255	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5252.2256	3	2	0.021 kg



Illuminated pushbutton 19 mm Brass, momentary, Front dimension Ø 22 mm

Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5352.1112	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5352.1113	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5352.1114	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5352.1115	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5352.1116	3	1	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5352.1122	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5352.1123	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5352.1124	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5352.1125	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5352.1126	3	1	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5352.1132	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5352.1133	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5352.1134	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5352.1135	3	1	0.018 kg
Ring with green LED	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5352.1136	3	1	0.018 kg
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5352.1142	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5352.1143	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5352.1144	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5352.1145	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5352.1146	3	1	0.018 kg
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5352.1152	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5352.1153	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5352.1154	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5352.1155	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5352.1156	3	1	0.018 kg

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Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
 Illuminated pushbutton 19 mm Brass, momentary, Front dimension Ø 22 mm									
Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5352.1212	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5352.1213	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5352.1214	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5352.1215	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5352.1216	3	1	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5352.1222	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5352.1223	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5352.1224	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5352.1225	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5352.1226	3	1	0.021 kg
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5352.1232	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5352.1233	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5352.1234	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5352.1235	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5352.1236	3	1	0.021 kg
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5352.1242	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5352.1243	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5352.1244	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5352.1245	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5352.1246	3	1	0.021 kg
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5352.1252	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5352.1253	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5352.1254	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5352.1255	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5352.1256	3	1	0.021 kg
 Illuminated pushbutton 19 mm Brass, maintain, Front dimension Ø 22 mm									
Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5352.2112	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5352.2113	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5352.2114	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5352.2115	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5352.2116	3	2	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5352.2122	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5352.2123	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5352.2124	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5352.2125	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5352.2126	3	2	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5352.2132	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5352.2133	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5352.2134	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5352.2135	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5352.2136	3	2	0.018 kg
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5352.2142	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5352.2143	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5352.2144	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5352.2145	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5352.2146	3	2	0.018 kg

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5352.2152	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5352.2153	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5352.2154	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5352.2155	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5352.2156	3	2	0.018 kg



Illuminated pushbutton 19 mm Brass, maintain, Front dimension Ø 22 mm

Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5352.2212	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5352.2213	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5352.2214	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5352.2215	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5352.2216	3	2	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5352.2222	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5352.2223	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5352.2224	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5352.2225	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5352.2226	3	2	0.021 kg
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5352.2232	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5352.2233	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5352.2234	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5352.2235	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5352.2236	3	2	0.021 kg
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5352.2242	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5352.2243	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5352.2244	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5352.2245	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5352.2246	3	2	0.021 kg
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5352.2252	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5352.2253	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5352.2254	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5352.2255	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5352.2256	3	2	0.021 kg



Illuminated pushbutton 19 mm Aluminium, momentary, Front dimension Ø 22 mm

Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5552.1112	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5552.1113	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5552.1114	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5552.1115	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5552.1116	3	1	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5552.1122	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5552.1123	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5552.1124	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5552.1125	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5552.1126	3	1	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5552.1132	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5552.1133	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5552.1134	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5552.1135	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5552.1136	3	1	0.018 kg

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Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5552.1142	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5552.1143	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5552.1144	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5552.1145	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5552.1146	3	1	0.018 kg
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5552.1152	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5552.1153	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5552.1154	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5552.1155	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5552.1156	3	1	0.018 kg



Illuminated pushbutton 19 mm Aluminium, momentary, Front dimension Ø 22 mm

Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5552.1212	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5552.1213	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5552.1214	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5552.1215	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5552.1216	3	1	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5552.1222	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5552.1223	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5552.1224	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5552.1225	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5552.1226	3	1	0.021 kg
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5552.1232	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5552.1233	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5552.1234	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5552.1235	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5552.1236	3	1	0.021 kg
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5552.1242	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5552.1243	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5552.1244	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5552.1245	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5552.1246	3	1	0.021 kg
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5552.1252	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5552.1253	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5552.1254	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5552.1255	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5552.1256	3	1	0.021 kg



Illuminated pushbutton 19 mm Aluminium, maintain, Front dimension Ø 22 mm

Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5552.2112	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5552.2113	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5552.2114	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5552.2115	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5552.2116	3	2	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5552.2122	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5552.2123	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5552.2124	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5552.2125	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5552.2126	3	2	0.018 kg

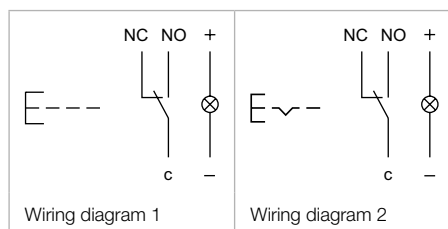
Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5552.2132	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5552.2133	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5552.2134	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5552.2135	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5552.2136	3	2	0.018 kg
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5552.2142	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5552.2143	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5552.2144	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5552.2145	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5552.2146	3	2	0.018 kg
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5552.2152	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5552.2153	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5552.2154	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5552.2155	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5552.2156	3	2	0.018 kg



Illuminated pushbutton 19 mm Aluminium, maintain, Front dimension Ø 22 mm

Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5552.2212	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5552.2213	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5552.2214	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5552.2215	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5552.2216	3	2	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5552.2222	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5552.2223	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5552.2224	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5552.2225	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5552.2226	3	2	0.021 kg
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5552.2232	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5552.2233	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5552.2234	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5552.2235	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5552.2236	3	2	0.021 kg
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5552.2242	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5552.2243	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5552.2244	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5552.2245	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5552.2246	3	2	0.021 kg
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5552.2252	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5552.2253	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5552.2254	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5552.2255	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5552.2256	3	2	0.021 kg

The component layouts you will find from page 103

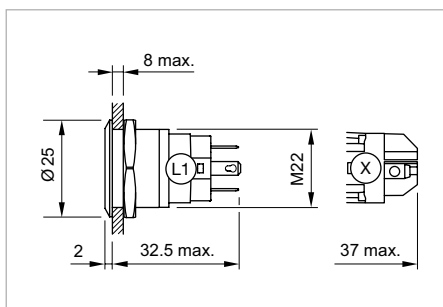


82 Flush design

Illuminated pushbutton 22 mm, IP 65 & IP 67

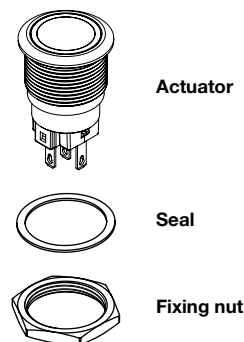


Product can differ from the current configuration.



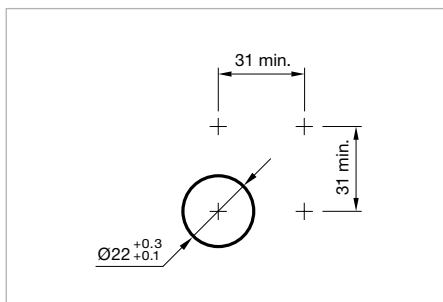
Dimensions [mm]
L1 = Solder/Plug-in terminal 2.8 x 0.5 mm,
X = Screw terminal

Equipment consisting of (schematic overview)



Additional Information

- Contacts: 1 chance over (NC/NO)



Mounting cut-outs [mm]

Each Part Number listed below includes all the black components shown in the 3D-drawing.

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
 Illuminated pushbutton 22 mm stainless-steel, momentary, Front dimension Ø 25 mm									
Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.1112	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.1113	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.1114	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.1115	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.1116	3	1	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.1122	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.1123	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.1124	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.1125	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.1126	3	1	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.1132	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.1133	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.1134	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.1135	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.1136	3	1	0.018 kg
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.1142	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.1143	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.1144	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.1145	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.1146	3	1	0.018 kg

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.1152	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.1153	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.1154	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.1155	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.1156	3	1	0.018 kg



Illuminated pushbutton 22 mm stainless-steel, momentary, Front dimension Ø 25 mm

Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.1212	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.1213	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.1214	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.1215	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.1216	3	1	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.1222	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.1223	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.1224	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.1225	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.1226	3	1	0.021 kg
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.1232	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.1233	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.1234	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.1235	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.1236	3	1	0.021 kg
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.1242	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.1243	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.1244	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.1245	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.1246	3	1	0.021 kg
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.1252	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.1253	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.1254	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.1255	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.1256	3	1	0.021 kg



Illuminated pushbutton 22 mm stainless-steel, maintain, Front dimension Ø 25 mm

Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.2112	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.2113	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.2114	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.2115	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.2116	3	2	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.2122	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.2123	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.2124	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.2125	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.2126	3	2	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.2132	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.2133	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.2134	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.2135	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.2136	3	2	0.018 kg

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Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.2142	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.2143	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.2144	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.2145	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.2146	3	2	0.018 kg
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.2152	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.2153	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.2154	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.2155	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.2156	3	2	0.018 kg



Illuminated pushbutton 22 mm stainless-steel, maintain, Front dimension Ø 25 mm

Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.2212	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.2213	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.2214	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.2215	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.2216	3	2	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.2222	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.2223	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.2224	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.2225	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.2226	3	2	0.021 kg
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.2232	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.2233	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.2234	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.2235	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.2236	3	2	0.021 kg
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.2242	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.2243	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.2244	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.2245	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.2246	3	2	0.021 kg
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.2252	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.2253	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.2254	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.2255	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.2256	3	2	0.021 kg



Illuminated pushbutton 22 mm stainless-steel chrome-coloured, momentary, Front dimension Ø 25 mm

Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.1112	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.1113	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.1114	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.1115	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.1116	3	1	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.1122	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.1123	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.1124	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.1125	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.1126	3	1	0.018 kg

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.1132	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.1133	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.1134	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.1135	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.1136	3	1	0.018 kg
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.1142	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.1143	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.1144	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.1145	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.1146	3	1	0.018 kg
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.1152	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.1153	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.1154	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.1155	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.1156	3	1	0.018 kg



Illuminated pushbutton 22 mm stainless-steel chrome-coloured, momentary, Front dimension Ø 25 mm

Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.1212	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.1213	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.1214	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.1215	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.1216	3	1	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.1222	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.1223	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.1224	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.1225	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.1226	3	1	0.021 kg
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.1232	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.1233	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.1234	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.1235	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.1236	3	1	0.021 kg
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.1242	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.1243	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.1244	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.1245	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.1246	3	1	0.021 kg
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.1252	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.1253	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.1254	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.1255	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.1256	3	1	0.021 kg

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Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
 Illuminated pushbutton 22 mm stainless-steel chrome-coloured, maintain, Front dimension Ø 25 mm									
Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.2112	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.2113	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.2114	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.2115	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.2116	3	2	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.2122	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.2123	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.2124	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.2125	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.2126	3	2	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.2132	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.2133	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.2134	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.2135	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.2136	3	2	0.018 kg
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.2142	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.2143	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.2144	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.2145	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.2146	3	2	0.018 kg
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.2152	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.2153	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.2154	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.2155	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.2156	3	2	0.018 kg
 Illuminated pushbutton 22 mm stainless-steel chrome-coloured, maintain, Front dimension Ø 25 mm									
Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.2212	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.2213	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.2214	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.2215	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.2216	3	2	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.2222	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.2223	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.2224	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.2225	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.2226	3	2	0.021 kg
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.2232	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.2233	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.2234	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.2235	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.2236	3	2	0.021 kg
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.2242	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.2243	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.2244	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.2245	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.2246	3	2	0.021 kg

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.2252	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.2253	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.2254	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.2255	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.2256	3	2	0.021 kg



Illuminated pushbutton 22 mm Brass, momentary, Front dimension Ø 25 mm

Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.1112	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.1113	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.1114	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.1115	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.1116	3	1	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.1122	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.1123	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.1124	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.1125	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.1126	3	1	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.1132	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.1133	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.1134	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.1135	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.1136	3	1	0.018 kg
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.1142	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.1143	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.1144	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.1145	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.1146	3	1	0.018 kg
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.1152	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.1153	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.1154	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.1155	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.1156	3	1	0.018 kg



Illuminated pushbutton 22 mm Brass, momentary, Front dimension Ø 25 mm

Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.1212	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.1213	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.1214	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.1215	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.1216	3	1	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.1222	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.1223	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.1224	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.1225	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.1226	3	1	0.021 kg
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.1232	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.1233	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.1234	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.1235	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.1236	3	1	0.021 kg

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Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.1242	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.1243	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.1244	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.1245	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.1246	3	1	0.021 kg
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.1252	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.1253	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.1254	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.1255	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.1256	3	1	0.021 kg



Illuminated pushbutton 22 mm Brass, maintain, Front dimension Ø 25 mm

Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.2112	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.2113	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.2114	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.2115	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.2116	3	2	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.2122	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.2123	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.2124	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.2125	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.2126	3	2	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.2132	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.2133	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.2134	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.2135	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.2136	3	2	0.018 kg
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.2142	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.2143	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.2144	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.2145	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.2146	3	2	0.018 kg
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.2152	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.2153	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.2154	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.2155	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.2156	3	2	0.018 kg



Illuminated pushbutton 22 mm Brass, maintain, Front dimension Ø 25 mm

Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.2212	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.2213	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.2214	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.2215	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.2216	3	2	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.2222	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.2223	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.2224	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.2225	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.2226	3	2	0.021 kg

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.2232	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.2233	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.2234	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.2235	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.2236	3	2	0.021 kg
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.2242	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.2243	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.2244	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.2245	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.2246	3	2	0.021 kg
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.2252	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.2253	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.2254	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.2255	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.2256	3	2	0.021 kg



Illuminated pushbutton 22 mm Aluminium, momentary, Front dimension Ø 25 mm

Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.1112	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.1113	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.1114	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.1115	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.1116	3	1	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.1122	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.1123	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.1124	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.1125	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.1126	3	1	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.1132	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.1133	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.1134	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.1135	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.1136	3	1	0.018 kg
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.1142	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.1143	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.1144	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.1145	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.1146	3	1	0.018 kg
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.1152	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.1153	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.1154	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.1155	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.1156	3	1	0.018 kg



Illuminated pushbutton 22 mm Aluminium, momentary, Front dimension Ø 25 mm

Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.1212	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.1213	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.1214	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.1215	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.1216	3	1	0.021 kg

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Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.1222	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.1223	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.1224	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.1225	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.1226	3	1	0.021 kg
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.1232	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.1233	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.1234	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.1235	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.1236	3	1	0.021 kg
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.1242	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.1243	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.1244	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.1245	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.1246	3	1	0.021 kg
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.1252	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.1253	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.1254	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.1255	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.1256	3	1	0.021 kg



Illuminated pushbutton 22 mm Aluminium, maintain, Front dimension Ø 25 mm

Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.2112	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.2113	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.2114	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.2115	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.2116	3	2	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.2122	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.2123	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.2124	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.2125	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.2126	3	2	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.2132	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.2133	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.2134	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.2135	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.2136	3	2	0.018 kg
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.2142	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.2143	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.2144	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.2145	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.2146	3	2	0.018 kg
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.2152	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.2153	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.2154	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.2155	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.2156	3	2	0.018 kg

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
 Illuminated pushbutton 22 mm Aluminium, maintain, Front dimension Ø 25 mm									
Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.2212	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.2213	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.2214	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.2215	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.2216	3	2	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.2222	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.2223	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.2224	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.2225	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.2226	3	2	0.021 kg
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.2232	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.2233	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.2234	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.2235	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.2236	3	2	0.021 kg
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.2242	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.2243	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.2244	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.2245	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.2246	3	2	0.021 kg
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.2252	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.2253	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.2254	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.2255	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.2256	3	2	0.021 kg
 Illuminated pushbutton 22 mm stainless-steel, momentary, Front dimension Ø 25 mm									
Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6152.1112	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6152.1113	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6152.1114	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6152.1115	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6152.1116	3	1	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6152.1122	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6152.1123	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6152.1124	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6152.1125	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6152.1126	3	1	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6152.1132	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6152.1133	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6152.1134	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6152.1135	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6152.1136	3	1	0.018 kg
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6152.1142	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6152.1143	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6152.1144	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6152.1145	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6152.1146	3	1	0.018 kg

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Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6152.1152	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6152.1153	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6152.1154	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6152.1155	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6152.1156	3	1	0.018 kg
 Illuminated pushbutton 22 mm stainless-steel, momentary, Front dimension Ø 25 mm									
Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6152.1212	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6152.1213	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6152.1214	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6152.1215	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6152.1216	3	1	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6152.1222	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6152.1223	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6152.1224	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6152.1225	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6152.1226	3	1	0.021 kg
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6152.1232	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6152.1233	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6152.1234	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6152.1235	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6152.1236	3	1	0.021 kg
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6152.1242	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6152.1243	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6152.1244	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6152.1245	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6152.1246	3	1	0.021 kg
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6152.1252	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6152.1253	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6152.1254	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6152.1255	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6152.1256	3	1	0.021 kg
 Illuminated pushbutton 22 mm stainless-steel, maintain, Front dimension Ø 25 mm									
Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6152.2112	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6152.2113	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6152.2114	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6152.2115	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6152.2116	3	2	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6152.2122	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6152.2123	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6152.2124	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6152.2125	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6152.2126	3	2	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6152.2132	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6152.2133	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6152.2134	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6152.2135	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6152.2136	3	2	0.018 kg

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6152.2142	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6152.2143	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6152.2144	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6152.2145	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6152.2146	3	2	0.018 kg
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6152.2152	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6152.2153	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6152.2154	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6152.2155	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6152.2156	3	2	0.018 kg



Illuminated pushbutton 22 mm stainless-steel, maintain, Front dimension Ø 25 mm

Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6152.2212	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6152.2213	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6152.2214	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6152.2215	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6152.2216	3	2	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6152.2222	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6152.2223	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6152.2224	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6152.2225	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6152.2226	3	2	0.021 kg
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6152.2232	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6152.2233	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6152.2234	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6152.2235	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6152.2236	3	2	0.021 kg
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6152.2242	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6152.2243	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6152.2244	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6152.2245	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6152.2246	3	2	0.021 kg
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6152.2252	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6152.2253	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6152.2254	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6152.2255	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6152.2256	3	2	0.021 kg



Illuminated pushbutton 22 mm stainless-steel chrome-coloured, momentary, Front dimension Ø 25 mm

Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6252.1112	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6252.1113	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6252.1114	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6252.1115	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6252.1116	3	1	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6252.1122	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6252.1123	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6252.1124	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6252.1125	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6252.1126	3	1	0.018 kg

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Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6252.1132	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6252.1133	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6252.1134	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6252.1135	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6252.1136	3	1	0.018 kg
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6252.1142	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6252.1143	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6252.1144	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6252.1145	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6252.1146	3	1	0.018 kg
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6252.1152	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6252.1153	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6252.1154	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6252.1155	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6252.1156	3	1	0.018 kg



Illuminated pushbutton 22 mm stainless-steel chrome-coloured, momentary, Front dimension Ø 25 mm

Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6252.1212	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6252.1213	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6252.1214	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6252.1215	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6252.1216	3	1	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6252.1222	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6252.1223	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6252.1224	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6252.1225	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6252.1226	3	1	0.021 kg
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6252.1232	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6252.1233	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6252.1234	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6252.1235	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6252.1236	3	1	0.021 kg
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6252.1242	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6252.1243	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6252.1244	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6252.1245	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6252.1246	3	1	0.021 kg
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6252.1252	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6252.1253	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6252.1254	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6252.1255	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6252.1256	3	1	0.021 kg



Illuminated pushbutton 22 mm stainless-steel chrome-coloured, maintain, Front dimension Ø 25 mm

Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6252.2112	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6252.2113	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6252.2114	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6252.2115	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6252.2116	3	2	0.018 kg

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6252.2122	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6252.2123	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6252.2124	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6252.2125	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6252.2126	3	2	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6252.2132	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6252.2133	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6252.2134	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6252.2135	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6252.2136	3	2	0.018 kg
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6252.2142	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6252.2143	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6252.2144	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6252.2145	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6252.2146	3	2	0.018 kg
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6252.2152	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6252.2153	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6252.2154	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6252.2155	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6252.2156	3	2	0.018 kg



Illuminated pushbutton 22 mm stainless-steel chrome-coloured, maintain, Front dimension Ø 25 mm

Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6252.2212	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6252.2213	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6252.2214	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6252.2215	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6252.2216	3	2	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6252.2222	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6252.2223	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6252.2224	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6252.2225	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6252.2226	3	2	0.021 kg
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6252.2232	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6252.2233	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6252.2234	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6252.2235	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6252.2236	3	2	0.021 kg
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6252.2242	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6252.2243	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6252.2244	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6252.2245	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6252.2246	3	2	0.021 kg
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6252.2252	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6252.2253	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6252.2254	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6252.2255	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6252.2256	3	2	0.021 kg

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Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
 Illuminated pushbutton 22 mm Brass, momentary, Front dimension Ø 25 mm									
Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6352.1112	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6352.1113	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6352.1114	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6352.1115	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6352.1116	3	1	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6352.1122	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6352.1123	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6352.1124	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6352.1125	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6352.1126	3	1	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6352.1132	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6352.1133	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6352.1134	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6352.1135	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6352.1136	3	1	0.018 kg
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6352.1142	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6352.1143	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6352.1144	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6352.1145	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6352.1146	3	1	0.018 kg
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6352.1152	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6352.1153	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6352.1154	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6352.1155	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6352.1156	3	1	0.018 kg
 Illuminated pushbutton 22 mm Brass, momentary, Front dimension Ø 25 mm									
Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6352.1212	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6352.1213	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6352.1214	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6352.1215	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6352.1216	3	1	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6352.1222	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6352.1223	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6352.1224	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6352.1225	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6352.1226	3	1	0.021 kg
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6352.1232	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6352.1233	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6352.1234	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6352.1235	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6352.1236	3	1	0.021 kg
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6352.1242	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6352.1243	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6352.1244	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6352.1245	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6352.1246	3	1	0.021 kg

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6352.1252	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6352.1253	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6352.1254	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6352.1255	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6352.1256	3	1	0.021 kg



Illuminated pushbutton 22 mm Brass, maintain, Front dimension Ø 25 mm

Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6352.2112	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6352.2113	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6352.2114	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6352.2115	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6352.2116	3	2	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6352.2122	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6352.2123	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6352.2124	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6352.2125	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6352.2126	3	2	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6352.2132	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6352.2133	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6352.2134	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6352.2135	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6352.2136	3	2	0.018 kg
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6352.2142	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6352.2143	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6352.2144	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6352.2145	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6352.2146	3	2	0.018 kg
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6352.2152	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6352.2153	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6352.2154	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6352.2155	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6352.2156	3	2	0.018 kg



Illuminated pushbutton 22 mm Brass, maintain, Front dimension Ø 25 mm

Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6352.2212	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6352.2213	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6352.2214	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6352.2215	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6352.2216	3	2	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6352.2222	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6352.2223	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6352.2224	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6352.2225	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6352.2226	3	2	0.021 kg
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6352.2232	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6352.2233	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6352.2234	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6352.2235	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6352.2236	3	2	0.021 kg

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Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6352.2242	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6352.2243	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6352.2244	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6352.2245	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6352.2246	3	2	0.021 kg
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6352.2252	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6352.2253	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6352.2254	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6352.2255	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6352.2256	3	2	0.021 kg



Illuminated pushbutton 22 mm Aluminium, momentary, Front dimension Ø 25 mm

Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6552.1112	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6552.1113	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6552.1114	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6552.1115	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6552.1116	3	1	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6552.1122	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6552.1123	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6552.1124	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6552.1125	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6552.1126	3	1	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6552.1132	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6552.1133	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6552.1134	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6552.1135	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6552.1136	3	1	0.018 kg
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6552.1142	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6552.1143	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6552.1144	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6552.1145	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6552.1146	3	1	0.018 kg
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6552.1152	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6552.1153	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6552.1154	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6552.1155	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6552.1156	3	1	0.018 kg



Illuminated pushbutton 22 mm Aluminium, momentary, Front dimension Ø 25 mm

Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6552.1212	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6552.1213	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6552.1214	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6552.1215	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6552.1216	3	1	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6552.1222	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6552.1223	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6552.1224	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6552.1225	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6552.1226	3	1	0.021 kg

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6552.1232	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6552.1233	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6552.1234	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6552.1235	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6552.1236	3	1	0.021 kg
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6552.1242	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6552.1243	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6552.1244	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6552.1245	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6552.1246	3	1	0.021 kg
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6552.1252	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6552.1253	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6552.1254	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6552.1255	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6552.1256	3	1	0.021 kg



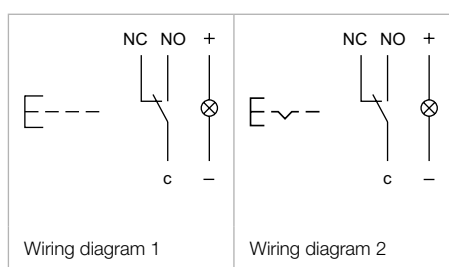
Illuminated pushbutton 22 mm Aluminium, maintain, Front dimension Ø 25 mm

Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6552.2112	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6552.2113	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6552.2114	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6552.2115	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6552.2116	3	2	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6552.2122	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6552.2123	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6552.2124	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6552.2125	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6552.2126	3	2	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6552.2132	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6552.2133	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6552.2134	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6552.2135	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6552.2136	3	2	0.018 kg
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6552.2142	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6552.2143	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6552.2144	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6552.2145	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6552.2146	3	2	0.018 kg
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6552.2152	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6552.2153	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6552.2154	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6552.2155	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6552.2156	3	2	0.018 kg

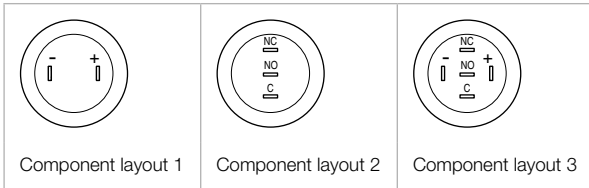
82 Flush design

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
 Illuminated pushbutton 22 mm Aluminium, maintain, Front dimension Ø 25 mm									
Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6552.2212	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6552.2213	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6552.2214	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6552.2215	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6552.2216	3	2	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6552.2222	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6552.2223	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6552.2224	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6552.2225	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6552.2226	3	2	0.021 kg
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6552.2232	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6552.2233	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6552.2234	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6552.2235	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6552.2236	3	2	0.021 kg
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6552.2242	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6552.2243	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6552.2244	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6552.2245	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6552.2246	3	2	0.021 kg
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6552.2252	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6552.2253	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6552.2254	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6552.2255	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6552.2256	3	2	0.021 kg

The component layouts you will find from page 103



Drawings



Indicator, Pushbutton, Illuminated pushbutton

Switching system

Snap-action changeover contact normally closed / normally open.
Switching function momentary or maintain.

Material

Housing

Stainless-steel
Stainless-steel chrome-coloured
Brass gold-coloured
Aluminium natural anodized

Terminal housing

Polyamide 66 (PA66)

Contact material

Silver alloy

Mechanical characteristics

Mounting cut-out

Ø 16 mm +0.3/+0.1 mm
Ø 19 mm +0.3/+0.1 mm
Ø 22 mm +0.3/+0.1 mm

Terminals

Soldering/plug-in terminals 2.8 x 0.5 mm
Screw terminal

Tightening torque

5 Nm min. – 12 Nm max. for fixing nut

Actuating force

4 ... 7 N

Actuating travel

3 mm

Mechanical lifetime

Pushbutton momentary 1 Mio. cycles of operation
Pushbutton maintain 500 000 cycles of operation

Resistance to heat of soldering

Hand-soldering max. 380 °C, 3 sek.

Electrical characteristics

Rated Operational Voltage U_o

250 VAC

Rated Insulation Voltage U_i

250 V

Illumination

LED red, green, blue, yellow and white

LED and series resistor with polarity protection are built in.

LED-Voltage	Tolerance	Current	Consumption
6 VAC/DC	±10 %	15 mA	0.1 W
12 VAC/DC	±10 %	14 mA	0.17 W
24 VAC/DC	±10 %	10 mA	0.24 W
110 VAC	±10 %	2 mA	0.22 W
230 VAC	±10 %	1.3 mA	0.29 W

Contact resistance

<50 mΩ

Electrical life

50 000 cycles of operation (full load)

Switch rating IEC 60947-5-1

Switch rating AC cosφ 0.3 service categorie AC-15

Voltage	Current
24 VAC	1 A
110 VAC	1 A
240 VAC	0.5 A

Switch rating DC service categorie DC-13

Voltage	Current
24 VDC	0.7 A
110 VDC	0.2 A
220 VDC	0.1 A

Switch rating UL 508

Switch rating AC cosφ 0.75 ... 0.8)

Voltage	Current
125 VAC	5 A
250 VAC	3 A

Switch rating DC

Voltage	Current
24 VDC	1 A

Recommended minimum operational data

Silver contacts

Voltage	17 VAC/DC
Current	50 mA

Conventional free air thermal current I_{th}

5 A

The maximum current in continuous operation and at ambient temperature must not exceed the quoted maximum values.

Electrical strength

1500 VAC, 50 Hz 1 min. between life terminals and ground

Isolation resistance

500 VDC at min. 10 MΩ according to IEC 60512-2

Environmental conditions

Storage temperature

-40 °C ... +80 °C

Operating temperature

-30 °C ... +70 °C

Front protection

IP 65 and IP 67, as per IEC 60529

Impact resistance

IK 10, as per IEC 62262

Shock resistance

max. 500 m/s² according to IEC 60068-2-27

Degree of pollution

2, as per EN IEC 60947-1

Vibration resistance

10 ... 500 Hz, amplitude 1.5 mm p-p according to IEC 60068-2-6

Climate resistance

Damp heat, 21 days according to IEC 60512-11

Stainless steel and aluminium versions:

Saline mist, 96 hours according to IEC 60512-11

Brass versions:

Saline mist, 24 hours according to IEC 60512-11

Approvals

Approbations

CB

UL

C UL

CCC

Declaration of conformity

CE

EAO reserves the right to alter specifications without further notice.

82 Application guidelines

Suppressor circuits

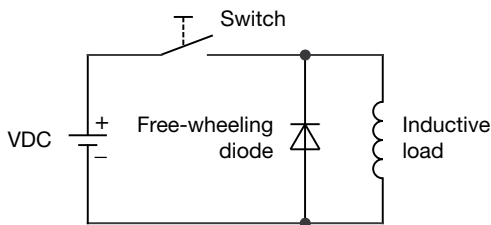
When switching inductive loads such as relays, DC motors, and DC solenoids, it is always important to absorb surges (e.g. with a diode) to protect the contacts. When these inductive loads are switched off, a counter emf can severely damage switch contacts and greatly shorten lifetime.

Fig. 1 shows an inductive load with a free-wheeling diode connected in parallel. This free-wheeling diode provides a path for the inductor current to flow when the current is interrupted by the switch. Without this free-wheeling diode, the voltage across the coil will be limited only by dielectric breakdown voltages of the circuit or parasitic elements of the coil. This voltage can be kilovolts in amplitude even when nominal circuit voltages are low (e.g. 12VDC) see Fig. 2.

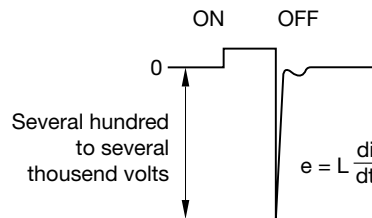
The free-wheeling diode should be chosen so that the reverse breakdown voltage is greater than the voltage driving the inductive load. The DC blocking voltage (V_R) of the free-wheeling diode can be found in the datasheet of a diode. The forward current should be equal or greater than the maximum current flowing through the load.

To get an efficient protection, the free-wheeling diode must be connected as close as possible to the inductive load!

Switching with inductive load
Fig. 1



Counter EMF
over load without free-wheeling diode
Fig. 2



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82-4251.2252.....	51	82-4252.1153.....	58	82-4252.2254.....	60	82-4351.1133.....	51	82-4351.2234.....	53	82-4352.1135.....	60
82-4251.2253.....	51	82-4252.1154.....	58	82-4252.2255.....	60	82-4351.1134.....	51	82-4351.2235.....	53	82-4352.1136.....	60
82-4251.2254.....	51	82-4252.1155.....	58	82-4252.2256.....	60	82-4351.1135.....	51	82-4351.2236.....	53	82-4352.1142.....	60
82-4251.2255.....	51	82-4252.1156.....	58	82-4261.1000.....	35	82-4351.1136.....	51	82-4351.2242.....	53	82-4352.1143.....	60
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82-4252.0112.....	10	82-4252.1213.....	58	82-4262.1000.....	36	82-4351.1143.....	51	82-4351.2244.....	53	82-4352.1145.....	60
82-4252.0113.....	10	82-4252.1214.....	58	82-4262.2000.....	36	82-4351.1144.....	51	82-4351.2245.....	53	82-4352.1146.....	60
82-4252.0114.....	10	82-4252.1215.....	58	82-4271.1000.....	35	82-4351.1145.....	51	82-4351.2246.....	53	82-4352.1152.....	60
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82-4252.0122.....	10	82-4252.1223.....	58	82-4272.2000.....	36	82-4351.1153.....	51	82-4351.2254.....	53	82-4352.1155.....	60
82-4252.0123.....	10	82-4252.1224.....	58	82-4281.1000.....	35	82-4351.1154.....	51	82-4351.2255.....	53	82-4352.1156.....	60
82-4252.0124.....	10	82-4252.1225.....	58	82-4281.2000.....	35	82-4351.1155.....	51	82-4351.2256.....	53	82-4352.1212.....	60
82-4252.0125.....	10	82-4252.1226.....	58	82-4282.1000.....	36	82-4351.1156.....	51	82-4352.0112.....	11	82-4352.1213.....	60
82-4252.0126.....	10	82-4252.1232.....	58	82-4282.2000.....	36	82-4351.1212.....	51	82-4352.0113.....	11	82-4352.1214.....	60
82-4252.0132.....	10	82-4252.1233.....	58	82-4351.0112.....	7	82-4351.1213.....	51	82-4352.0114.....	11	82-4352.1215.....	60
82-4252.0133.....	10	82-4252.1234.....	58	82-4351.0113.....	7	82-4351.1214.....	51	82-4352.0115.....	11	82-4352.1216.....	60
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82-4252.0143.....	10	82-4252.1244.....	58	82-4351.0123.....	7	82-4351.1224.....	51	82-4352.0125.....	11	82-4352.1226.....	61
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82-4252.0153.....	10	82-4252.1254.....	59	82-4351.0133.....	7	82-4351.1234.....	51	82-4352.0135.....	11	82-4352.1236.....	61
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82-5151.2214.....	67	82-5152.1115.....	74	82-5152.2216.....	76	82-5251.0246.....	16	82-5251.2146.....	69	82-5252.0253.....	21
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82-5252.2143	78	82-5351.0223	17	82-5351.2123	71	82-5352.0225	22	82-5352.2125	80
82-5252.2144	78	82-5351.0224	17	82-5351.2124	71	82-5352.0226	22	82-5352.2126	80
82-5252.2145	78	82-5351.0225	17	82-5351.2125	71	82-5352.0232	22	82-5352.2132	80
82-5252.2146	78	82-5351.0226	17	82-5351.2126	71	82-5352.0233	22	82-5352.2133	80
82-5252.2152	78	82-5351.0232	17	82-5351.2132	71	82-5352.0234	22	82-5352.2134	80
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82-5252.2154	78	82-5351.0234	17	82-5351.2134	71	82-5352.0236	22	82-5352.2136	80
82-5252.2155	78	82-5351.0235	17	82-5351.2135	71	82-5352.0242	22	82-5352.2142	80
82-5252.2156	78	82-5351.0236	17	82-5351.2136	71	82-5352.0243	22	82-5352.2143	80
82-5252.2212	78	82-5351.0242	17	82-5351.2142	71	82-5352.0244	22	82-5352.2144	80
82-5252.2213	78	82-5351.0243	17	82-5351.2143	71	82-5352.0245	22	82-5352.2145	80
82-5252.2214	78	82-5351.0244	17	82-5351.2144	71	82-5352.0246	22	82-5352.2146	80
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82-5252.2216	78	82-5351.0246	17	82-5351.2146	71	82-5352.0253	22	82-5352.2153	81
82-5252.2222	78	82-5351.0252	18	82-5351.2152	71	82-5352.0254	22	82-5352.2154	81
82-5252.2223	78	82-5351.0253	18	82-5351.2153	71	82-5352.0255	22	82-5352.2155	81
82-5252.2224	78	82-5351.0254	18	82-5351.2154	71	82-5352.0256	22	82-5352.2156	81
82-5252.2225	78	82-5351.0255	18	82-5351.2155	71	82-5352.1000	41	82-5352.2212	81
82-5252.2226	78	82-5351.0256	18	82-5351.2156	71	82-5352.1112	79	82-5352.2213	81
82-5252.2232	79	82-5351.1000	39	82-5351.2212	71	82-5352.1113	79	82-5352.2214	81
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82-5252.2236	79	82-5351.1115	70	82-5351.2216	71	82-5352.1122	79	82-5352.2223	81
82-5252.2242	79	82-5351.1116	70	82-5351.2222	71	82-5352.1123	79	82-5352.2224	81
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82-5252.2245	79	82-5351.1124	70	82-5351.2225	71	82-5352.1126	79	82-5352.2232	81
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82-5271.1000	39	82-5351.1145	70	82-5351.2246	72	82-5352.1152	79	82-5352.2253	81
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82-5272.2000	40	82-5351.1153	70	82-5351.2254	72	82-5352.1155	79	82-5352.2256	81
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82-5351.0122	17	82-5351.1223	70	82-5352.0124	21	82-5352.1225	80	82-5381.2000	39
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