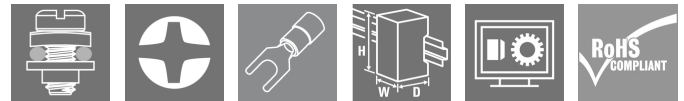


**FS 2CO****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)**Product image**

Relay sockets for the D-SERIES DRM relays

- 2 and 4 CO contacts
- Screw and PUSH IN connection
- Standard and low heights

**General ordering data**

|            |                                                                                                           |
|------------|-----------------------------------------------------------------------------------------------------------|
| Version    | D-SERIES DRM, Relay socket, Number of contacts: 2, CO contact, Continuous current: 12 A, Screw connection |
| Order No.  | <a href="#">7760056106</a>                                                                                |
| Type       | FS 2CO                                                                                                    |
| GTIN (EAN) | 4032248855582                                                                                             |
| Qty.       | 10 pc(s).                                                                                                 |

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[www.weidmueller.com](http://www.weidmueller.com)**Technical data****Dimensions and weights**

|            |         |                 |            |
|------------|---------|-----------------|------------|
| Depth      | 28.9 mm | Depth (inches)  | 1.138 inch |
| Height     | 69.8 mm | Height (inches) | 2.748 inch |
| Width      | 24.7 mm | Width (inches)  | 0.972 inch |
| Net weight | 33.5 g  |                 |            |

**Temperatures**

|                     |                |                       |                |
|---------------------|----------------|-----------------------|----------------|
| Storage temperature | -40 °C...70 °C | Operating temperature | -40 °C...70 °C |
|---------------------|----------------|-----------------------|----------------|

**Rated data UL**

|                         |         |
|-------------------------|---------|
| Certificate No. (cURus) | E312083 |
|-------------------------|---------|

**Load side**

|                            |          |                    |              |
|----------------------------|----------|--------------------|--------------|
| Rated switching voltage    | 250 V AC | Continuous current | 12 A         |
| Max. switching voltage, AC | 300 V    | Contact type       | 2 CO contact |

**General data**

|                                    |                          |                |  |
|------------------------------------|--------------------------|----------------|--|
| Version                            | flat design              |                |  |
| Rail                               | TS 35                    |                |  |
| Colour                             | black                    |                |  |
| UL94 flammability rating component | Component                | Housing        |  |
|                                    | UL94 flammability rating | V-2            |  |
|                                    | Component                | Mounting foot  |  |
|                                    | UL94 flammability rating | HB             |  |
|                                    | Component                | Retaining clip |  |
|                                    | UL94 flammability rating | HB             |  |

**Insulation coordination**

|                                                               |                             |                                                  |                             |
|---------------------------------------------------------------|-----------------------------|--------------------------------------------------|-----------------------------|
| Pollution severity                                            | 2                           | Surge voltage category                           | II                          |
| Clearance and creepage distances for control side - load side | ≥ 4 mm                      | Dielectric strength for control side - load side | 2 kV <sub>eff</sub> / 1 min |
| Dielectric strength of neighbouring contacts                  | 2 kV <sub>eff</sub> / 1 min | Impulse withstand voltage                        | 4 kV (1.2/50 µs)            |
| Protection degree                                             | IP10                        |                                                  |                             |

**Further details of approvals / standards**

|                         |         |
|-------------------------|---------|
| Certificate No. (cURus) | E312083 |
|-------------------------|---------|

## FS 2CO

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## Technical data

## Connection data

|                                                                                         |                                 |                                                                                         |                     |
|-----------------------------------------------------------------------------------------|---------------------------------|-----------------------------------------------------------------------------------------|---------------------|
| Wire connection method                                                                  | Screw connection                | Stripping length, rated connection                                                      | 7 mm                |
| Tightening torque, min.                                                                 | 0.5 Nm                          | Tightening torque, max.                                                                 | 0.8 Nm              |
| Clamping range, min.                                                                    | 0.5 mm <sup>2</sup>             | Clamping range, max.                                                                    | 2.5 mm <sup>2</sup> |
| Wire cross-section, solid, min.                                                         | 0.5 mm <sup>2</sup>             | Wire cross-section, solid, max.                                                         | 2.5 mm <sup>2</sup> |
| Wire connection cross section, finely stranded, min.                                    | 0.5 mm <sup>2</sup>             | Wire connection cross section, finely stranded, max.                                    | 2.5 mm <sup>2</sup> |
| Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min. | 0.5 mm <sup>2</sup>             | Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max. | 1.5 mm <sup>2</sup> |
| Conductor cross-section, flexible, AEH (DIN 46228-1), min.                              | 0.5 mm <sup>2</sup>             | Conductor cross-section, flexible, AEH (DIN 46228-1), max.                              | 1.5 mm <sup>2</sup> |
| Wire connection                                                                         | M3 forked cable lug (insulated) | Blade size                                                                              | size PH1            |

## Classifications

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 6.0    | EC001456    | ETIM 7.0    | EC001456    |
| ETIM 8.0    | EC001456    | ETIM 9.0    | EC001456    |
| ECLASS 9.0  | 27-37-16-03 | ECLASS 9.1  | 27-37-16-03 |
| ECLASS 10.0 | 27-37-16-03 | ECLASS 11.0 | 27-37-16-03 |
| ECLASS 12.0 | 27-37-16-03 | ECLASS 13.0 | 27-37-16-03 |
| ECLASS 14.0 | 27-37-16-03 |             |             |

## Environmental Product Compliance

|                        |                             |
|------------------------|-----------------------------|
| RoHS Compliance Status | Compliant without exemption |
| REACH SVHC             | No SVHC above 0.1 wt%       |

## Important note

|                     |                                                       |
|---------------------|-------------------------------------------------------|
| Product information | For this socket, a cross connection is not available. |
|---------------------|-------------------------------------------------------|

## Approvals

Approvals



|                         |            |
|-------------------------|------------|
| ROHS                    | Conform    |
| UL File Number Search   | UL Website |
| Certificate No. (cURus) | E312083    |

## Downloads

|                                             |                                                                         |
|---------------------------------------------|-------------------------------------------------------------------------|
| Approval/Certificate/Document of Conformity | <a href="#">EU Konformitätserklärung / EU Declaration of Conformity</a> |
| Engineering Data                            | <a href="#">CAD data – STEP</a>                                         |
| Catalogues                                  | <a href="#">Catalogues in PDF-format</a>                                |
| Brochures                                   |                                                                         |

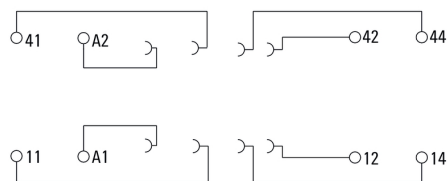
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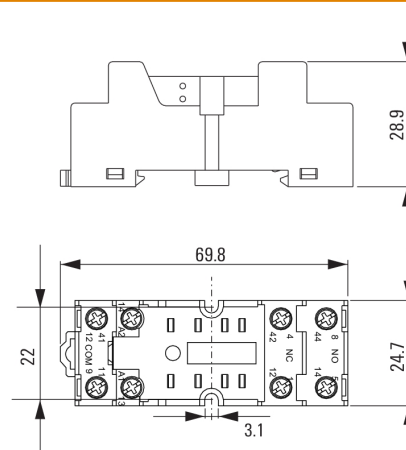
[www.weidmueller.com](http://www.weidmueller.com)

## Drawings

### Wiring diagram



### Dimensional drawing



### Dimensional drawing

