

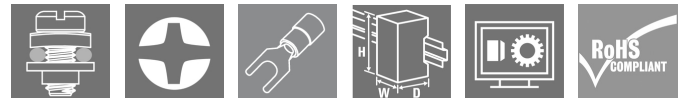
FS 4CO**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

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: 4, CO contact, Continuous current: 10 A, Screw connection |
| Order No. | 7760056107 |
| Type | FS 4CO |
| GTIN (EAN) | 4032248855575 |
| Qty. | 10 pc(s). |

Creation date July 21, 2023 2:11:14 PM CEST

Catalogue status 07.07.2023 / We reserve the right to make technical changes.

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Technical data

Dimensions and weights

| | | | |
|------------|---------|-----------------|------------|
| Depth | 28.9 mm | Depth (inches) | 1.138 inch |
| Height | 70 mm | Height (inches) | 2.756 inch |
| Width | 30.6 mm | Width (inches) | 1.205 inch |
| Net weight | 47.2 g | | |

Temperatures

| | | | |
|-----------------------------|----------------|-----------------------------|----------------|
| Storage temperature | -40 °C...70 °C | Operating temperature | -40 °C...70 °C |
| Operating temperature, min. | -40 °C | Operating temperature, max. | 70 °C |

Rated data UL

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

Load side

| | | | |
|----------------------------|----------|--------------------|--------------|
| Rated switching voltage | 250 V AC | Continuous current | 10 A |
| Max. switching voltage, AC | 300 V | Contact type | 4 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 _{eff} / 1 min |
| Dielectric strength of neighbouring contacts | 2 kV _{eff} / 1 min | Impulse withstand voltage | 4 kV (1.2/50 μs) |
| Protection degree | IP10 | | |

Further details of approvals / standards

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

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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 ² | Clamping range, max. | 2.5 mm ² |
| Wire cross-section, solid, min. | 0.5 mm ² | Wire cross-section, solid, max. | 2.5 mm ² |
| Wire connection cross section, finely stranded, min. | 0.5 mm ² | Wire connection cross section, finely stranded, max. | 2.5 mm ² |
| Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min. | 0.5 mm ² | Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max. | 1.5 mm ² |
| Conductor cross-section, flexible, AEH (DIN 46228-1), min. | 0.5 mm ² | Conductor cross-section, flexible, AEH (DIN 46228-1), max. | 1.5 mm ² |
| Wire connection | M3 forked cable lug (insulated) | Blade size | size PH1 |

Classifications

| | | | |
|-------------|-------------|-------------|-------------|
| ETIM 6.0 | EC001456 | ETIM 7.0 | EC001456 |
| ETIM 8.0 | 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 |

Environmental Product Compliance

| | |
|------------|----------------|
| REACH SVHC | Lead 7439-92-1 |
|------------|----------------|

Important note

Product information The protection module (RC filter) RIM 3 110/230VAC LED with order no. 7760056045 is not compatible with this socket.

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 | EU Konformitätserklärung / EU Declaration of Conformity |
| Engineering Data | CAD data – STEP |
| Engineering Data | WSCAD, Zuken E3.S, EPLAN |
| Catalogues | Catalogues in PDF-format |
| Brochures | |

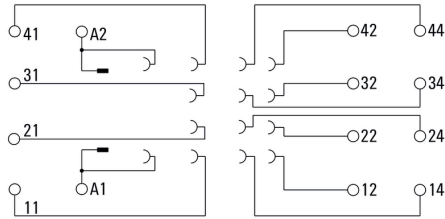
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Drawings

Wiring diagram



Dimensional drawing

