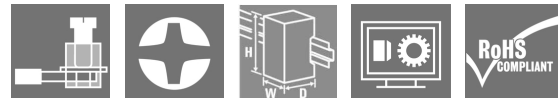


D-SERIES DRR SRD ECO 2CO

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 26
 D-32758 Detmold
 Germany
 Fon: +49 5231 14-0
 Fax: +49 5231 14-292083
 www.weidmueller.com

Product image



Accessories for D-SERIES relays include:

- Relay bases
- LED / Protective modules
- Metal retaining clips

General ordering data

| | |
|------------|----------------------------------------------------------------------------------------------------------|
| Type | SRD ECO 2CO |
| Order No. | 1132810000 |
| Version | D-SERIES DRR, Relay bases, Number of contacts: 2, CO contact, Continuous current: 12 A, Screw connection |
| GTIN (EAN) | 4032248952663 |
| Qty. | 10 pc(s). |

Creation date July 9, 2020 9:04:56 AM CEST

Catalogue status 09.07.2020 / We reserve the right to make technical changes.

Data sheet

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Technical data

Dimensions and weights

| | | | |
|------------|---------|-----------------|------------|
| Width | 38 mm | Width (inches) | 1.496 inch |
| Height | 76.7 mm | Height (inches) | 3.02 inch |
| Depth | 27 mm | Depth (inches) | 1.063 inch |
| Net weight | 50 g | | |

Temperatures

| | | | |
|-----------------------------|------------------------------------------|-----------------------------|----------------|
| Humidity | 35...85 % rel. humidity, no condensation | Operating temperature, max. | 65 °C |
| Operating temperature, min. | -40 °C | Storage temperature, max. | 85 °C |
| Storage temperature, min. | -40 °C | Operating temperature | -40 °C...65 °C |
| Storage temperature | -40 °C...85 °C | | |

Environmental Product Compliance

REACH SVHC Lead 7439-92-1

Rated data UL

Certificate No. (cURus) E355547

Output

| | | | |
|-------------------------|----------|----------------------------|-------|
| Rated switching voltage | 250 V AC | Max. switching voltage, AC | 300 V |
| Continuous current | 12 A | | |

Contact data

Contact type 2 CO contact

General data

| | | | |
|---------------------------|-------|--------|-------|
| Rail | TS 35 | Colour | black |
| UL 94 flammability rating | V-0 | | |

Insulation coordination

| | | | |
|------------------------------------------------|--------------------|----------------------------------------------|--------------------------------|
| Surge voltage category | III | Pollution severity | 2 |
| Protection degree | IP20 | Dielectric strength, Input/Output | 2.5 kV _{eff} / 1 Min. |
| Creepage and clearance distance input – output | ≥ 4 mm | Dielectric strength of neighbouring contacts | 2.21 kV _{eff} / 1 min |
| Impulse withstand voltage | 4.8 kV (1.2/50 µs) | | |

Further details of approvals / standards

| | | | |
|-----------|----------------------------------------------------------------------------------|-------------------------|---------|
| Standards | EN 60664-1:2007, EN 61000-6-2:2005, EN 61000-6-4:2007 + A1:2011, UL 508 | Certificate No. (cURus) | E355547 |
|-----------|----------------------------------------------------------------------------------|-------------------------|---------|

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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. | 1 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. | 2.5 mm ² |
| Conductor cross-section, flexible, AEH (DIN 46228-1), min. | 0.5 mm ² | Conductor cross-section, flexible, AEH (DIN 46228-1), max. | 2.5 mm ² |
| Wire connection cross section, finely stranded, two clampable wires, min. | 0.5 mm ² | Wire cross-section, finely stranded, two clampable wires, max. | 1 mm ² |
| Blade size | size PH1 | | |

Classifications

| | | | |
|-------------|-------------|------------|-------------|
| ETIM 6.0 | EC001456 | ETIM 7.0 | EC001456 |
| eClass 9.0 | 27-37-16-03 | eClass 9.1 | 27-37-16-03 |
| eClass 10.0 | 27-37-16-03 | | |

Product information

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

Approvals

Approvals



| | |
|------|---------|
| ROHS | Conform |
|------|---------|

Downloads

| | |
|---------------------------------------------|-------------------------------------------------------------------------|
| Approval/Certificate/Document of Conformity | EU Konformitätserklärung / EU Declaration of Conformity |
| Brochure/Catalogue | CAT 4.2 ELECTR 18/19 EN |
| Engineering Data | EPLAN, WSCAD |
| Engineering Data | STEP |

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Drawings

Dimensional drawing

