

SDI 1CO ECO**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**Product image**

Relay sockets for the D-SERIES DRI relays

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

General ordering data

| | |
|------------|---|
| Version | D-SERIES DRI, Relay socket, Number of contacts: 1, CO contact, Continuous current: 12 A, Screw connection |
| Order No. | 7760056346 |
| Type | SDI 1CO ECO |
| GTIN (EAN) | 6944169739934 |
| Qty. | 10 pc(s). |

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Technical data

Dimensions and weights

| | | | |
|------------|---------|-----------------|------------|
| Depth | 29.2 mm | Depth (inches) | 1.15 inch |
| Height | 73.3 mm | Height (inches) | 2.886 inch |
| Width | 15.8 mm | Width (inches) | 0.622 inch |
| Net weight | 20 g | | |

Temperatures

| | | | |
|---------------------|--|-----------------------|----------------|
| Storage temperature | -40 °C...85 °C | Operating temperature | -40 °C...70 °C |
| Humidity | 35...85 % rel. humidity, no condensation | | |

Load side

| | | | |
|----------------------------|----------|--------------------|--------------|
| Rated switching voltage | 250 V AC | Continuous current | 12 A |
| Max. switching voltage, AC | 250 V | Contact type | 1 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

| | | | |
|---|--------------------|--|------------------------------|
| Rated voltage | 250 V | Pollution severity | 2 |
| Surge voltage category | III | Insulating material group | IIIb |
| Clearance and creepage distances for control side - load side | ≥ 3 mm | Dielectric strength for control side - load side | 4 kV _{eff} / 1 Min. |
| Impulse withstand voltage | 4.8 kV (1.2/50 µs) | Protection degree | IP10 |

Connection data

| | | | |
|---|---------------------|---|---|
| Wire connection method | Screw connection | Stripping length, rated connection | 8 mm |
| Tightening torque, min. | 0.5 Nm | Tightening torque, max. | 0.8 Nm |
| Clamping range, rated connection | 1.5 mm ² | 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 ring cable lug (insulated) for input connections, M3.5 ring cable lug (insulated) for output connections |
| Blade size | size PH1 | | |

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Catalogue status 20.04.2024 / We reserve the right to make technical changes.

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| | | | |
|-------------|-------------|-------------|-------------|
| 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 |

Environmental Product Compliance

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

Important note

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 |
| Engineering Data | CAD data – STEP |
| Catalogues | Catalogues in PDF-format |

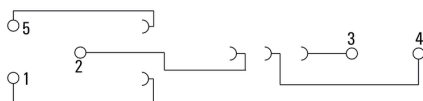
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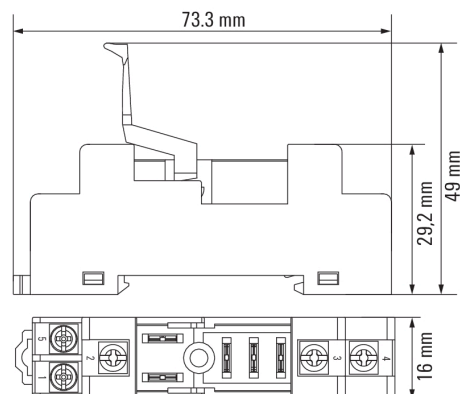
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Drawings

Wiring diagram



Dimensional drawing



Dimensional drawing

