

## 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 bases, Number of contacts: 1, CO contact, Continuous current: 12 A, Screw connection |
| Order No.  | <a href="#">7760056346</a>   |
| Type       | SDI 1CO ECO  |
| GTIN (EAN) | 6944 169739934   |
| Qty.       | 10 pc(s).  |

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Catalogue status 12.03.2021 / We reserve the right to make technical changes.

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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 |
| Net weight     | 20 g       | Width           | 15.8 mm    |
| Width (inches) | 0.622 inch |                 |            |

## Temperatures

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

## Environmental Product Compliance

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

## Load side

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

## Contact data

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

|  |                    |                                   |                              |
|--|--------------------|-----------------------------------|------------------------------|
| Creepage and clearance distance input – output | ≥ 3 mm             | Dielectric strength, Input/Output | 4 kV <sub>eff</sub> / 1 Min. |
| Impulse withstand voltage                      | 4.8 kV (1.2/50 µs) | Insulating material group         | IIIb                         |
| Pollution severity                             | 2                  | Protection degree                 | IP10                         |
| Rated voltage                                  | 250 V              | Surge voltage category            | III                          |

## Further details of approvals / standards

|           |  |
|-----------|--|
| Standards | EN 60664-1:2007,<br>EN 61000-6-2:2005,<br>EN 61000-6-4:2007 +<br>A1:2011, UL 508 |
|-----------|--|

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## 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 <sup>2</sup> | 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 ring cable lug (insulated) for input connections, M3.5 ring cable lug (insulated) for output connections |
| 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 | ECLASS 11.0 | 27-37-16-03 |

## 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 | <a href="#">EU Konformitätserklärung / EU Declaration of Conformity</a> |
| Engineering Data                            | <a href="#">STEP</a>  |
| Engineering Data                            | <a href="#">EPLAN_WSCAD</a>   |

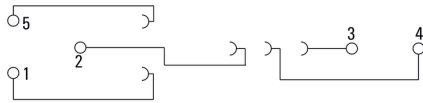
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**Drawings**

**Wiring diagram**



**Dimensional drawing**

