

**SRD ECO 2CO****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

**Product image**

Relay sockets for the D-SERIES DRR relays

- 2 or 3 CO contacts
- Screw connection

**General ordering data**

|            |   |
|------------|---|
| Version    | D-SERIES DRR, Relay socket, Number of contacts: 2, CO contact, Continuous current: 12 A, Screw connection |
| Order No.  | <a href="#">1132810000</a>  |
| Type       | SRD ECO 2CO   |
| GTIN (EAN) | 4032248952663   |
| Qty.       | 10 pc(s).   |

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## Technical data

## Dimensions and weights

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

## Temperatures

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

## Rated data UL

|                         |         |
|-------------------------|---------|
| Certificate No. (cURus) | E355547 |
|-------------------------|---------|

## 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

|                                    |                          |                |  |
|------------------------------------|--------------------------|----------------|--|
| 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                           | III                            |
| Clearance and creepage distances for control side - load side | ≥ 4 mm                         | Dielectric strength for control side - load side | 2.5 kV <sub>eff</sub> / 1 Min. |
| Dielectric strength of neighbouring contacts                  | 2.21 kV <sub>eff</sub> / 1 min | Impulse withstand voltage                        | 4.8 kV (1.2/50 µs)             |
| Protection degree   | IP20                           |  |                                |

## Further details of approvals / standards

|                         |         |
|-------------------------|---------|
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## 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 <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. | 2.5 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.                              | 2.5 mm <sup>2</sup> |
| Wire connection cross section, finely stranded, two clampable wires, min.               | 0.5 mm <sup>2</sup> | Wire cross-section, finely stranded, two clampable wires, max.                          | 1 mm <sup>2</sup>   |
| 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. |
|                     | For this socket, markers are not available.           |

## Approvals

Approvals



|                         |            |
|-------------------------|------------|
| ROHS                    | Conform    |
| UL File Number Search   | UL Website |
| Certificate No. (cURus) | E355547    |

## 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                                   |   |

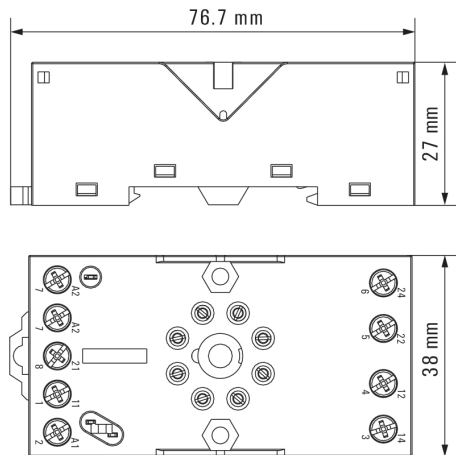
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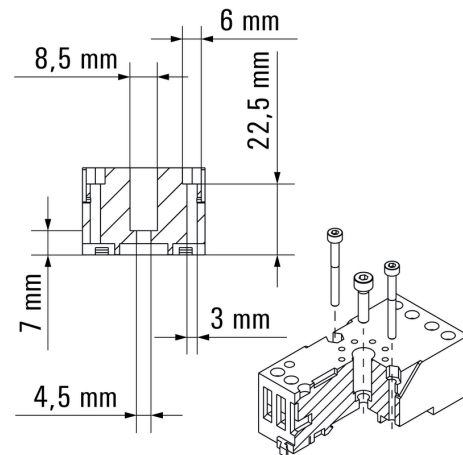
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## Drawings

### Dimensional drawing



### Dimensional drawing



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## Accessories

## Crosshead screwdriver, Phillips



VDE insulated screwdriver sets, for working on live parts up to 1000 V AC and 1500 V DC, DIN EN 60900. IEC 900. Each piece is "GS" safety tested. Blade made from fully hardened, high-alloy chromium-vanadium-molybdenum steel, gun-metal finish.

## General ordering data

|            |                            |   |
|------------|----------------------------|---|
| Type       | SDIK SLIM PH1 X 80         | Version   |
| Order No.  | <a href="#">2749650000</a> | Screwdriver, Blade width (B): 1 mm, 80 mm, Blade thickness (A): 1 |
| GTIN (EAN) | 4050118896398              |   |
| Qty.       | 1 pc(s).                   |   |

## Protection modules



Pluggable protective modules for the D-SERIES relay sockets, with optional protective functions.

- With free-wheeling diode or RC filter

## General ordering data

|            |                            |  |
|------------|----------------------------|--|
| Type       | RIM 5 6/230VDC             | Version  |
| Order No.  | <a href="#">1174650000</a> | D-SERIES, Free-wheeling diode, Rated control voltage: 6...230 V DC, Plug-in connection |
| GTIN (EAN) | 4032248971305              |  |
| Qty.       | 10 pc(s).                  |  |
| Type       | RIM 5 6/230VAC             | Version  |
| Order No.  | <a href="#">1174670000</a> | D-SERIES, RC filter, Rated control voltage: 6...230 V AC, Plug-in connection           |
| GTIN (EAN) | 4032248971312              |  |
| Qty.       | 10 pc(s).                  |  |

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## Accessories

## Crosshead screwdriver Phillips



Crosshead screwdriver, Phillips, SDK PH DIN 5262, ISO 8764/2-PH, output to ISO 8764-PH, ChromTop tip, SoftFinish grip

## General ordering data

|            |                            |   |
|------------|----------------------------|---|
| Type       | SDK PH1 X 80               | Version   |
| Order No.  | <a href="#">2749410000</a> | Screwdriver, Blade width (B): 1 mm, 80 mm, Blade thickness (A): |
| GTIN (EAN) | 4050118895636              |   |
| Qty.       | 1 pc(s).                   |   |

## Crosshead screwdriver Phillips



VDE insulated crosshead screwdriver, for Phillips screws, SDIK PH DIN 7438, ISO 8764/2-PH, output to ISO 8764-PH, SoftFinish grip

## General ordering data

|            |                            |   |
|------------|----------------------------|---|
| Type       | SDIK PH1 X 80              | Version   |
| Order No.  | <a href="#">2749890000</a> | Screwdriver, Blade width (B): 1 mm, 80 mm, Blade thickness (A): 1 |
| GTIN (EAN) | 4050118897098              |   |
| Qty.       | 1 pc(s).                   |   |

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[www.weidmueller.com](http://www.weidmueller.com)**Accessories****Retaining clips**

Retaining clip for D-SERIES DRR relays

- Metal retaining clip

**General ordering data**

|            |                            |                              |
|------------|----------------------------|------------------------------|
| Type       | DRR CLIP M                 | Version                      |
| Order No.  | <a href="#">1134160000</a> | D-SERIES DRR, Retaining clip |
| GTIN (EAN) | 4032248953479              |                              |
| Qty.       | 10 pc(s).                  |                              |