

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

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://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, PUSH IN |
| Order No.  | <a href="#">7760056364</a>                                                                       |
| Type       | SDI 1CO P                                                                                        |
| GTIN (EAN) | 6944169772283                                                                                    |
| Qty.       | 20 pc(s).                                                                                        |

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

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

**Technical data****Dimensions and weights**

|            |          |                 |            |
|------------|----------|-----------------|------------|
| Depth      | 42.7 mm  | Depth (inches)  | 1.681 inch |
| Height     | 102.1 mm | Height (inches) | 4.02 inch  |
| Width      | 15.9 mm  | Width (inches)  | 0.626 inch |
| Net weight | 10.75 g  |                 |            |

**Temperatures**

|                     |                           |                       |                |
|---------------------|---------------------------|-----------------------|----------------|
| Storage temperature | -40 °C...85 °C            | Operating temperature | -40 °C...55 °C |
| Humidity            | 5...85 %, no condensation |                       |                |

**Rated data UL**

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

**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**

|                                    |                          |                |  |
|------------------------------------|--------------------------|----------------|--|
| Rail                               | TS 35                    |                |  |
| Colour                             | black                    |                |  |
| UL94 flammability rating component | Component                | Housing        |  |
|                                    | UL94 flammability rating | V-2            |  |
|                                    | Component                | Pusher         |  |
|                                    | UL94 flammability rating | HB             |  |
|                                    | Component                | Mounting foot  |  |
|                                    | UL94 flammability rating | HB             |  |
|                                    | Component                | Retaining clip |  |
|                                    | UL94 flammability rating | HB             |  |

**Insulation coordination**

|                                                               |                    |                                                    |                             |
|---------------------------------------------------------------|--------------------|----------------------------------------------------|-----------------------------|
| Rated voltage                                                 | 300 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   | 5 kV <sub>eff</sub> / 1 min |
| Impulse withstand voltage                                     | 4.8 kV (1.2/50 µs) | Impulse withstand voltage at neighbouring contacts | 4.8 kV (1.2/50 µs)          |
| Protection degree                                             | IP20               |                                                    |                             |

**Further details of approvals / standards**

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

## SDI 1CO P

Weidmüller Interface GmbH &amp; Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

## Technical data

## Connection data

|                                                                                         |                     |                                                                                         |                      |
|-----------------------------------------------------------------------------------------|---------------------|-----------------------------------------------------------------------------------------|----------------------|
| Wire connection method                                                                  | PUSH IN             | Stripping length, rated connection                                                      | 10 mm                |
| Clamping range, rated connection                                                        | 1.5 mm <sup>2</sup> | Clamping range, min.                                                                    | 0.14 mm <sup>2</sup> |
| Clamping range, max.                                                                    | 1.5 mm <sup>2</sup> | Wire connection cross section AWG, min.                                                 | AWG 26               |
| Wire connection cross section AWG, max.                                                 | AWG 16              | Wire cross-section, solid, min.                                                         | 0.14 mm <sup>2</sup> |
| Wire cross-section, solid, max.                                                         | 1.5 mm <sup>2</sup> | Wire connection cross section, finely stranded, min.                                    | 0.14 mm <sup>2</sup> |
| Wire connection cross section, finely stranded, max.                                    | 1.5 mm <sup>2</sup> | Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min. | 0.14 mm <sup>2</sup> |
| Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max. | 1 mm <sup>2</sup>   | Conductor cross-section, flexible, AEH (DIN 46228-1), min.                              | 0.14 mm <sup>2</sup> |
| Conductor cross-section, flexible, AEH (DIN 46228-1), max.                              | 1.5 mm <sup>2</sup> | Blade size                                                                              | 0.4 x 2.5 mm         |

## Classifications

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 6.0    | EC001456    | ETIM 7.0    | EC001456    |
| ETIM 8.0    | EC001456    | ETIM 9.0    | EC001456    |
| ETIM 10.0   | 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 |
| ECLASS 15.0 | 27-37-16-03 |             |             |

## Environmental Product Compliance

|                        |                       |
|------------------------|-----------------------|
| RoHS Compliance Status | Compliant             |
| REACH SVHC             | No SVHC above 0.1 wt% |

## Important note

|                     |                                                                                                                      |
|---------------------|----------------------------------------------------------------------------------------------------------------------|
| Product information | Only connection A2 with the cross-connection SCM/SDI P CC (art. no. 7760056366) can be bridged on this socket.       |
|                     | The protection module (RC filter) RIM 3 110/230VAC LED with order no. 7760056045 is not compatible with this socket. |

## Approvals

## Approvals



|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Approvals MAMID         | <a href="https://mdcop.weidmueller.com/mediadelivery/rendition/900_319222/-T1z1mm-S800/">https://mdcop.weidmueller.com/mediadelivery/rendition/900_319222/-T1z1mm-S800/</a> <a href="https://mdcop.weidmueller.com/mediadelivery/rendition/900_319230/-T1z1mm-S800/">https://mdcop.weidmueller.com/mediadelivery/rendition/900_319230/-T1z1mm-S800/</a> <a href="https://mdcop.weidmueller.com/mediadelivery/rendition/900_319260/-T1z1mm-S800/">https://mdcop.weidmueller.com/mediadelivery/rendition/900_319260/-T1z1mm-S800/</a> |
| ROHS                    | Conform                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| UL File Number Search   | UL Website                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Certificate No. (cURus) | E312083                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |

## SDI 1CO P

**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)

## Technical data

### Downloads

Approval/Certificate/Document of Con-  
formity

[EU Konformitätserklärung / EU Declaration of Conformity](#)

Engineering Data

[CAD data – STEP](#)

Catalogues

[Catalogues in PDF-format](#)

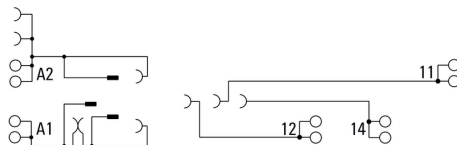
## SDI 1CO P

**Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 26  
D-32758 Detmold  
Germany

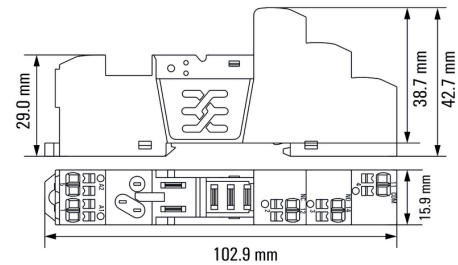
www.weidmueller.com

## Drawings

### Wiring diagram



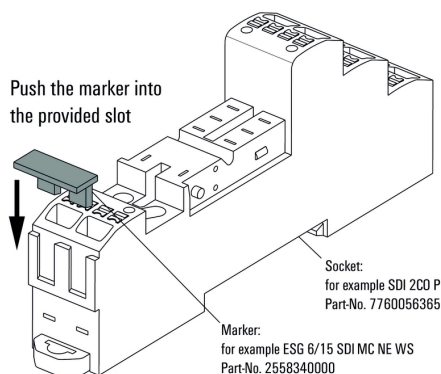
### Dimensional drawing



### Example of use

#### How to install marker

on PUSH IN connection sockets (one slot available)

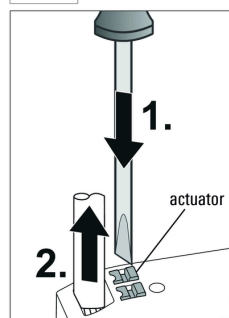
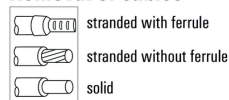


#### How to install marker

on PUSH IN connection sockets (one slot available)

### Miscellaneous

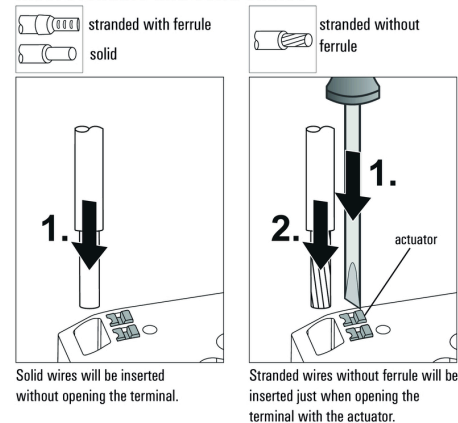
#### Removal of cables



Wires will be disconnected just when opening the terminal with the actuator.

### Miscellaneous

#### Insert flexible and solid cables



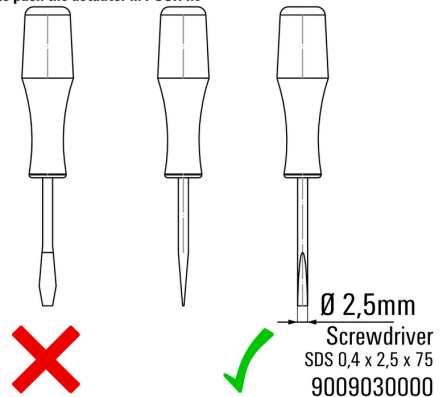
Solid wires will be inserted without opening the terminal.

Stranded wires without ferrule will be inserted just when opening the terminal with the actuator.

### Miscellaneous

#### Recommended screwdriver

to push the actuator in PUSH IN



## SDI 1CO P

Weidmüller Interface GmbH &amp; Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

## Accessories

## LED



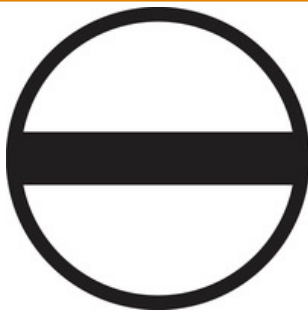
Pluggable protective modules for the D-SERIES relay sockets, with optional protective functions.

- With green LED

## General ordering data

|            |                            |                                                                                 |
|------------|----------------------------|---------------------------------------------------------------------------------|
| Type       | RIM 3 24/60VUC             | Version                                                                         |
| Order No.  | <a href="#">7760056018</a> | D-SERIES, LED module, Rated control voltage: 24...60 V UC, Plug-in connection   |
| GTIN (EAN) | 4032248878130              |                                                                                 |
| Qty.       | 10 pc(s).                  |                                                                                 |
| Type       | RIM 3 110/230VUC           | Version                                                                         |
| Order No.  | <a href="#">7940018455</a> | D-SERIES, LED module, Rated control voltage: 110...230 V UC, Plug-in connection |
| GTIN (EAN) | 4032248878185              |                                                                                 |
| Qty.       | 10 pc(s).                  |                                                                                 |
| Type       | RIM 3 6/24VUC              | Version                                                                         |
| Order No.  | <a href="#">7940018457</a> | D-SERIES, LED module, Rated control voltage: 6...24 V UC, Plug-in connection    |
| GTIN (EAN) | 4032248878192              |                                                                                 |
| Qty.       | 10 pc(s).                  |                                                                                 |

## Slotted screwdriver



VDE insulated slot-head screwdriver, SDI DIN 7437, ISO 2380/2, drive output acc. to DIN 5264, ISO 2380/1. SoftFinish grip

## General ordering data

|            |                            |                                                                                        |
|------------|----------------------------|----------------------------------------------------------------------------------------|
| Type       | SDIS 0.4X2.5X75            | Version                                                                                |
| Order No.  | <a href="#">2749790000</a> | Screwdriver, Blade width (B): 2.5 mm, Blade length: 75 mm, Blade thickness (A): 0.4 mm |
| GTIN (EAN) | 4050118896534              |                                                                                        |
| Qty.       | 1 pc(s).                   |                                                                                        |

## SDI 1CO P

Weidmüller Interface GmbH &amp; Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

## Accessories

## LED / free-wheel diode



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

- With green LED and free-wheeling diode

## General ordering data

|            |                            |                                                                   |
|------------|----------------------------|-------------------------------------------------------------------|
| Type       | RIM 2 24/60VDC             | Version                                                           |
| Order No.  | <a href="#">7760056016</a> | D-SERIES, LED module with freewheel diode, Rated control voltage: |
| GTIN (EAN) | 4032248878123              | 24...60 V DC, Plug-in connection                                  |
| Qty.       | 10 pc(s).                  |                                                                   |
| Type       | RIM 2 110/230VDC           | Version                                                           |
| Order No.  | <a href="#">7760056017</a> | D-SERIES, LED module with freewheel diode, Rated control voltage: |
| GTIN (EAN) | 4032248896615              | 110...230 V DC, Plug-in connection                                |
| Qty.       | 10 pc(s).                  |                                                                   |
| Type       | RIM 2 6/24VDC              | Version                                                           |
| Order No.  | <a href="#">7760056015</a> | D-SERIES, LED module with freewheel diode, Rated control voltage: |
| GTIN (EAN) | 4032248878116              | 6...24 V DC, Plug-in connection                                   |
| Qty.       | 10 pc(s).                  |                                                                   |

## Custom printing



ESG is the tried-and-tested marker in MultiCard format for use on many well-known electrical devices. The result is high-quality device marking with a high-contrast appearance.

Various types are available for devices from manufacturers like Siemens, ABB, Beckhoff etc.

Advantages at a glance:

- Tags for universal usage, self-adhesive or clip-on tags, depending on type
- For aligned equipment, e.g. circuit breakers, we supply ESG markers for clipping onto tag rails
- Individual laser-quality printing according to specifications

**For custom printing:** Please send us a file of our labeling software M-Print PRO or M-Print PRO Online (without installation) for your labeling specifications.

## General ordering data

|            |                            |                                                         |
|------------|----------------------------|---------------------------------------------------------|
| Type       | ESG 6/15 SDI MC SDR        | Version                                                 |
| Order No.  | <a href="#">2558310000</a> | ESG, Device markers x 15 mm, PA 66, Colour: To customer |
| GTIN (EAN) | 4050118569025              | specification                                           |
| Qty.       | 40 pc(s).                  |                                                         |

## SDI 1CO P

Weidmüller Interface GmbH &amp; Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

## Accessories

## 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 1 6/230VDC             | Version                                                                |
| Order No.  | <a href="#">7760056169</a> | D-SERIES, Free-wheeling diode, Rated control voltage: 6...230 V, Plug- |
| GTIN (EAN) | 4032248967728              | in connection                                                          |
| Qty.       | 10 pc(s).                  |                                                                        |
| Type       | RIM 3 110/230VAC           | Version                                                                |
| Order No.  | <a href="#">7760056014</a> | D-SERIES, RC filter, Rated control voltage: 110...230 V AC, Plug-in    |
| GTIN (EAN) | 4032248878109              | connection                                                             |
| Qty.       | 10 pc(s).                  |                                                                        |

## Cross-connection for socket with PUSH IN connection

Cross-connection for the sockets in the D-SERIES DRI.



## General ordering data

|            |                            |                           |
|------------|----------------------------|---------------------------|
| Type       | SCM/SDI P CC               | Version                   |
| Order No.  | <a href="#">7760056366</a> | D-SERIES, Cross-connector |
| GTIN (EAN) | 6944169773327              |                           |
| Qty.       | 10 pc(s).                  |                           |



## SDI 1CO P

Weidmüller Interface GmbH &amp; Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

## Accessories

## Blank



ESG is the tried-and-tested marker in MultiCard format for use on many well-known electrical devices. The result is high-quality device marking with a high-contrast appearance.

Various types are available for devices from manufacturers like Siemens, ABB, Beckhoff etc.

Advantages at a glance:

- Tags for universal usage, self-adhesive or clip-on tags, depending on type
- For aligned equipment, e.g. circuit breakers, we supply ESG markers for clipping onto tag rails
- Individual laser-quality printing according to specifications

**For custom printing:** Please send us a file of our labeling software M-Print PRO or M-Print PRO Online (without installation) for your labeling specifications.

## General ordering data

|            |                            |                                                   |
|------------|----------------------------|---------------------------------------------------|
| Type       | ESG 6/15 SDI MC NE WS      | Version                                           |
| Order No.  | <a href="#">2558340000</a> | ESG, Device markers x 15 mm, PA 66, Colour: white |
| GTIN (EAN) | 4050118569056              |                                                   |
| Qty.       | 200 pc(s).                 |                                                   |

## Retaining clips



Retaining clip for D-SERIES DRI relays

- Metal and plastic retaining clip

## General ordering data

|            |                            |                              |
|------------|----------------------------|------------------------------|
| Type       | SDI CLIP HM                | Version                      |
| Order No.  | <a href="#">7760056390</a> | D-SERIES DRI, Retaining clip |
| GTIN (EAN) | 6944169787898              |                              |
| Qty.       | 10 pc(s).                  |                              |
| Type       | SDI CLIP                   | Version                      |
| Order No.  | <a href="#">7760056352</a> | D-SERIES DRI, Retaining clip |
| GTIN (EAN) | 6944169739996              |                              |
| Qty.       | 10 pc(s).                  |                              |
| Type       | SDI CLIP LM                | Version                      |
| Order No.  | <a href="#">7760056368</a> | D-SERIES DRI, Retaining clip |
| GTIN (EAN) | 6944169773341              |                              |
| Qty.       | 10 pc(s).                  |                              |

## SDI 1CO P

Weidmüller Interface GmbH &amp; Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

## Accessories

|            |                            |                              |
|------------|----------------------------|------------------------------|
| Type       | SDI CLIP P                 | Version                      |
| Order No.  | <a href="#">7760056389</a> | D-SERIES DRI, Retaining clip |
| GTIN (EAN) | 6944169787539              |                              |
| Qty.       | 10 pc(s).                  |                              |

## ESG 6/15

**Guaranteed long service life: ESG**

The multi-colour and multi-format labels have a strong adhesive layer to ensure the best possible adhesion to the underlying surface. Double laminated polyester makes the basic material very thin and yet extremely tear-resistant.

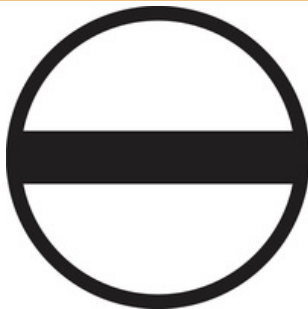
**Your benefits with MultiMark**

- "Different materials for various requirements"
- Can be used with equipment from many manufacturers
- Device markers with a familiar design

## General ordering data

|            |                            |                                       |
|------------|----------------------------|---------------------------------------|
| Type       | ESG 6/15 MM WS             | Version                               |
| Order No.  | <a href="#">2619940000</a> | ESG, Device markers, 6 x 15 mm, white |
| GTIN (EAN) | 4050118626148              |                                       |
| Qty.       | 3,000 pc(s).               |                                       |

## Slotted screwdriver



Slotted screwdriver with rounded blade SD DIN 5265, ISO 2380/2, output to DIN 5264, ISO 2380/1. ChromTop tip, SoftFinish grip

## General ordering data

|            |                            |                                                                  |
|------------|----------------------------|------------------------------------------------------------------|
| Type       | SDS 0.4X2.5X75             | Version                                                          |
| Order No.  | <a href="#">2749320000</a> | Screwdriver, Blade width (B): 2.5 mm, Blade length: 75 mm, Blade |
| GTIN (EAN) | 4050118895544              | thickness (A): 0.4 mm                                            |
| Qty.       | 1 pc(s).                   |                                                                  |