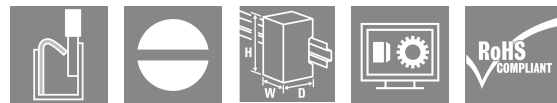


**SCM 4CO P****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

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

Relay sockets for the D-SERIES DRM relays

- 2 and 4 CO contacts
- Screw and PUSH IN connection
- Standard and low heights

**General ordering data**

|            |                                                                                                 |
|------------|-------------------------------------------------------------------------------------------------|
| Version    | D-SERIES DRM, Relay socket, Number of contacts: 4, CO contact, Continuous current: 6 A, PUSH IN |
| Order No.  | <a href="#">7760056363</a>                                                                      |
| Type       | SCM 4CO P                                                                                       |
| GTIN (EAN) | 6944169772276                                                                                   |
| Qty.       | 10 items                                                                                        |

## SCM 4CO P

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## Technical data

## Approvals

Approvals



ROHS Conform

UL File Number Search [UL Website](#)

Certificate No. (cURus) E355547

## Dimensions and weights

|            |          |                 |             |
|------------|----------|-----------------|-------------|
| Depth      | 42.7 mm  | Depth (inches)  | 1.6811 inch |
| Height     | 101.8 mm | Height (inches) | 4.0079 inch |
| Width      | 30.6 mm  | Width (inches)  | 1.2047 inch |
| Net weight | 71.12 g  |                 |             |

## Temperatures

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

## Environmental Product Compliance

|                        |                             |
|------------------------|-----------------------------|
| RoHS Compliance Status | Compliant without exemption |
| REACH SVHC             | No SVHC above 0.1 wt%       |

## Rated data UL

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

## Load side

|                            |          |                    |              |
|----------------------------|----------|--------------------|--------------|
| Rated switching voltage    | 300 V AC | Continuous current | 6 A          |
| Max. switching voltage, AC | 300 V    | Contact type       | 4 CO contact |

## General data

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

## 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 kVeff / 1 min    |
| Dielectric strength of neighbouring contacts                  | 2.5 kVeff / 1 Min. | Dielectric strength of open contact              | 2.5 kVeff / 1 Min. |

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## Technical data

|                   |      |                                                    |                    |
|-------------------|------|----------------------------------------------------|--------------------|
| Protection degree | IP20 | Impulse withstand voltage at neighbouring contacts | 4.8 kV (1.2/50 µs) |
|-------------------|------|----------------------------------------------------|--------------------|

## Further details of approvals / standards

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

## 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         |

## Important note

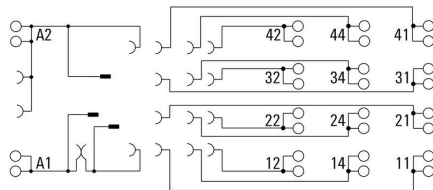
|                     |                                                                                                                |
|---------------------|----------------------------------------------------------------------------------------------------------------|
| Product information | Only connection A2 with the cross-connection SCM/SDI P CC (art. no. 7760056366) can be bridged on this socket. |
|---------------------|----------------------------------------------------------------------------------------------------------------|

## Classifications

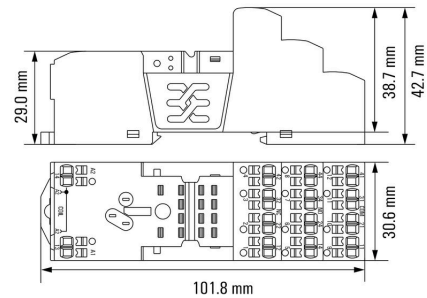
|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 8.0    | EC001456    | ETIM 9.0    | EC001456    |
| ETIM 10.0   | EC001456    | ECLASS 14.0 | 27-37-16-03 |
| ECLASS 15.0 | 27-37-16-03 |             |             |

## Drawings

### Wiring diagram



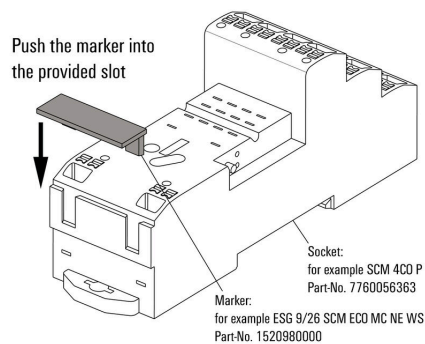
### Dimensional drawing



### Example of use

#### How to install marker

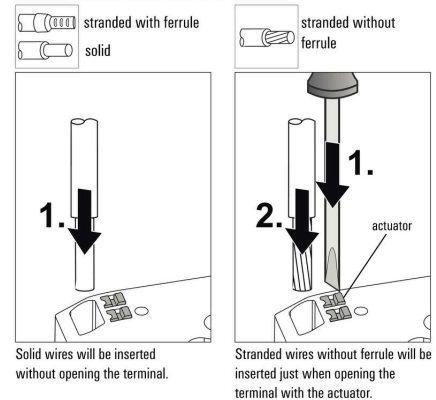
on PUSH IN connection sockets (one slot available)



How to install marker on PUSH IN connection sockets (one slot available)

### Miscellaneous

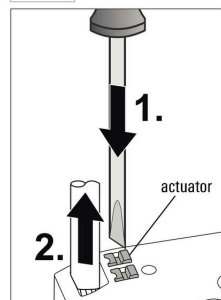
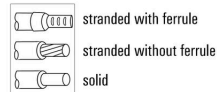
#### Insert flexible and solid cables



## Drawings

### Miscellaneous

#### Removal of cables

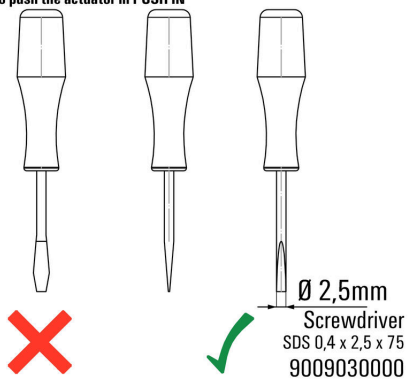


Wires will be disconnected just when opening the terminal with the actuator.

### Miscellaneous

#### Recommended screwdriver

to push the actuator in **PUSH IN**



## SCM 4CO P

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## 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 ST                      |                                                                        |

## 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 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 ST                      |                                                                   |
| 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 ST                      |                                                                   |
| 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 ST                      |                                                                   |

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## Accessories

## LED



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

- With green LED

## General ordering data

|            |                            |                                                                                 |
|------------|----------------------------|---------------------------------------------------------------------------------|
| 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 ST                      |                                                                                 |
| 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 ST                      |                                                                                 |
| 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 ST                      |                                                                                 |

## Protection modules



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

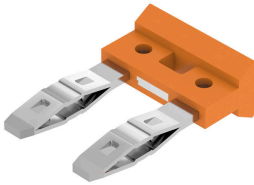
- With free-wheeling diode or RC filter

## General ordering data

|            |                            |                                                                                |
|------------|----------------------------|--------------------------------------------------------------------------------|
| Type       | RIM 3 110/230VAC           | Version                                                                        |
| Order No.  | <a href="#">7760056014</a> | D-SERIES, RC filter, Rated control voltage: 110...230 V AC, Plug-in connection |
| GTIN (EAN) | 4032248878109              |                                                                                |
| Qty.       | 10 ST                      |                                                                                |
| Type       | RIM 3 110/230VAC LED       | Version                                                                        |
| Order No.  | <a href="#">7760056045</a> | D-SERIES, RC filter, Rated control voltage: 110...230 V AC, Plug-in connection |
| GTIN (EAN) | 4032248878147              |                                                                                |
| Qty.       | 10 ST                      |                                                                                |

**SCM 4CO P****Weidmüller Interface GmbH & Co. KG**Klingenbergstraße 26  
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Germany[www.weidmueller.com](http://www.weidmueller.com)**Accessories****Cross-connection for socket with PUSH IN connection**

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

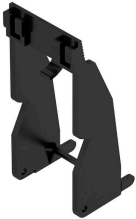
**General ordering data**

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

**Retaining clips**

Retaining clip for D-SERIES DRM relays

- Metal and plastic retaining clip

**General ordering data**

|            |                            |                          |
|------------|----------------------------|--------------------------|
| Type       | DRM/DRL CLIP M             | Version                  |
| Order No.  | <a href="#">7760056108</a> | D-SERIES, Retaining clip |
| GTIN (EAN) | 4032248855568              |                          |
| Qty.       | 10 ST                      |                          |

|            |                            |                              |
|------------|----------------------------|------------------------------|
| Type       | SCM CLIP P                 | Version                      |
| Order No.  | <a href="#">7760056367</a> | D-SERIES DRM, Retaining clip |
| GTIN (EAN) | 6944169773334              |                              |
| Qty.       | 5 ST                       |                              |



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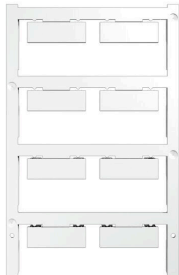
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## Accessories

## 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:

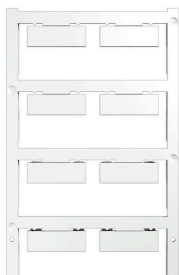
- Tags for universal usage, self-adhesive or clip-on tags, depending on type
- For aligned equipment, e.g. circuit breakers, we supply ESG markers for clipping onto tag rails
- Individual laser-quality printing according to specifications

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 9/26 SCM ECO MC NE ... | Version                                                       |
| Order No.  | <a href="#">1520980000</a> | ESG, Device markers x 26 mm, PA 66, Colour: white, pluggable  |
| GTIN (EAN) | 4050118327939              |                                                               |
| Qty.       | 80 ST                      |                                                               |
| Type       | ESG 9/26 SCM ECO MC NE ... | Version                                                       |
| Order No.  | <a href="#">1520990000</a> | ESG, Device markers x 26 mm, PA 66, Colour: yellow, pluggable |
| GTIN (EAN) | 4050118327861              |                                                               |
| Qty.       | 80 ST                      |                                                               |
| Type       | ESG 9/26 SCM ECO MC NE ... | Version                                                       |
| Order No.  | <a href="#">1521000000</a> | ESG, Device markers x 26 mm, PA 66, Colour: grey, pluggable   |
| GTIN (EAN) | 4050118327878              |                                                               |
| Qty.       | 80 ST                      |                                                               |

## 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.

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## Accessories

## General ordering data

|            |                            |                                                         |
|------------|----------------------------|---------------------------------------------------------|
| Type       | ESG 9/26 SCM ECO MC SDR    | Version                                                 |
| Order No.  | <a href="#">1525800000</a> | ESG, Device markers x 26 mm, PA 66, Colour: To customer |
| GTIN (EAN) | 4050118331875              | specification, pluggable                                |
| Qty.       | 16 ST                      |                                                         |

## 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 |
| GTIN (EAN) | 4050118896534              | thickness (A): 0.4 mm                                            |
| Qty.       | 1 ST                       |                                                                  |
| 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 ST                       |                                                                  |