

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

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)**Product image**

relays sockets for RIDERSERIES RCM relays

- 2, 3 and 4 CO contacts
- Screw and PUSH IN connection
- Standard and low heights

**General ordering data**

|            |                                                                                                   |
|------------|---------------------------------------------------------------------------------------------------|
| Version    | RIDERSERIES RCM, Relay bases, Number of contacts: 4, CO contact, Continuous current: 6 A, PUSH IN |
| Order No.  | <a href="#">8869430000</a>                                                                        |
| Type       | SCM-I 4CO P                                                                                       |
| GTIN (EAN) | 4032248614288                                                                                     |
| Qty.       | 10 pc(s).                                                                                         |

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## Technical data

## Dimensions and weights

|                |            |                 |            |
|----------------|------------|-----------------|------------|
| Depth          | 48.3 mm    | Depth (inches)  | 1.902 inch |
| Height         | 98 mm      | Height (inches) | 3.858 inch |
| Net weight     | 61.795 g   | Width           | 28 mm      |
| Width (inches) | 1.102 inch |                 |            |

## Temperatures

|                     |                                                |                       |                |
|---------------------|------------------------------------------------|-----------------------|----------------|
| Storage temperature | -40 °C...70 °C                                 | Operating temperature | -40 °C...70 °C |
| Humidity            | 40 °C / 93 % rel. humidity,<br>no condensation |                       |                |

## Environmental Product Compliance

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

## Rated data UL

|                         |         |
|-------------------------|---------|
| Certificate No. (cURus) | E223759 |
|-------------------------|---------|

## Load side

|                         |          |                            |       |
|-------------------------|----------|----------------------------|-------|
| Continuous current      | 6 A      | Max. switching voltage, AC | 250 V |
| Rated switching voltage | 250 V AC |                            |       |

## Contact data

|              |              |
|--------------|--------------|
| Contact type | 4 CO contact |
|--------------|--------------|

## General data

|                           |       |        |       |
|---------------------------|-------|--------|-------|
| Rail                      | TS 35 | Colour | black |
| UL 94 flammability rating | V-0   |        |       |

## Insulation coordination

|                                                |                                |                                              |                                |
|------------------------------------------------|--------------------------------|----------------------------------------------|--------------------------------|
| Creepage and clearance distance input – output | ≥ 4 mm                         | Dielectric strength of neighbouring contacts | 2 kV <sub>eff</sub> / 1 min    |
| Dielectric strength of open contact            | 1.2 kV <sub>eff</sub> / 1 min. | Dielectric strength, Input/Output            | 2.5 kV <sub>eff</sub> / 1 Min. |
| Insulating material group                      | IIIa                           | Pollution severity                           | 2                              |
| Protection degree                              | IP20                           | Rated voltage                                | 250 V                          |
| Surge voltage category                         | III                            | Type of isolation at input and output        | Basic insulation               |
| Type of isolation at neighbouring contacts     | Basic insulation               |                                              |                                |

## Further details of approvals / standards

|                       |                    |                         |                |
|-----------------------|--------------------|-------------------------|----------------|
| Standards             | IEC 61810-1, UL508 | Certificate No. (CSA)   | 249409-2295474 |
| Certificate No. (VDE) | 40011762           | Certificate No. (cURus) | E223759        |

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## Connection data

|                                                                                         |                      |                                                                                         |                      |
|-----------------------------------------------------------------------------------------|----------------------|-----------------------------------------------------------------------------------------|----------------------|
| Wire connection method                                                                  | PUSH IN              | Stripping length, rated connection                                                      | 12 mm                |
| Clamping range, rated connection                                                        | 1.5 mm <sup>2</sup>  | Clamping range, min.                                                                    | 0.75 mm <sup>2</sup> |
| Clamping range, max.                                                                    | 1.5 mm <sup>2</sup>  | Wire cross-section, solid, min.                                                         | 0.75 mm <sup>2</sup> |
| Wire cross-section, solid, max.                                                         | 1.5 mm <sup>2</sup>  | Wire cross-section, solid, max. (AWG)                                                   | AWG 16               |
| Wire connection cross section, finely stranded, min.                                    | 0.75 mm <sup>2</sup> | Wire connection cross section, finely stranded, max.                                    | 1.5 mm <sup>2</sup>  |
| Wire cross-section, finely stranded, max. (AWG)                                         | AWG 16               | Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min. | 0.75 mm <sup>2</sup> |
| Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max. | 0.75 mm <sup>2</sup> | Conductor cross-section, flexible, AEH (DIN 46228-1), min.                              | 0.75 mm <sup>2</sup> |
| Conductor cross-section, flexible, AEH (DIN 46228-1), max.                              | 1 mm <sup>2</sup>    | Blade size                                                                              | 0.6 x 3.5 mm         |

## 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 |

## Approvals

Approvals



|                       |         |
|-----------------------|---------|
| ROHS                  | Conform |
| UL File Number Search | E223759 |

## 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>                                            |

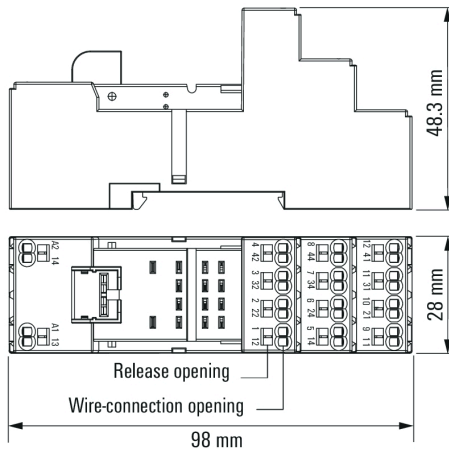
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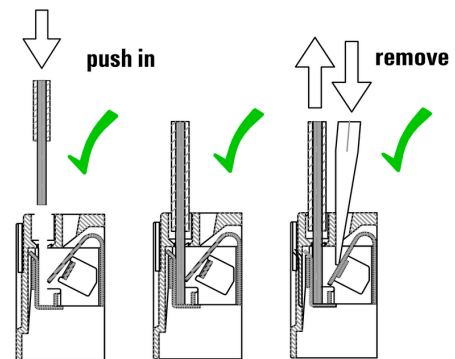
## Drawings

### Dimensional drawing

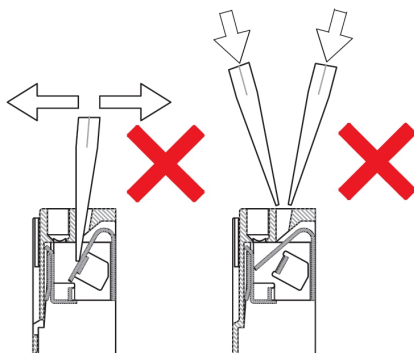


### Miscellaneous

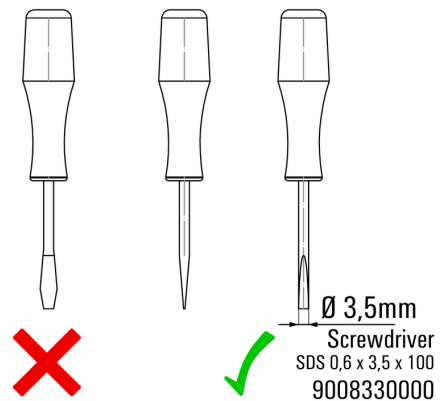
#### Correct handling PUSH IN connection



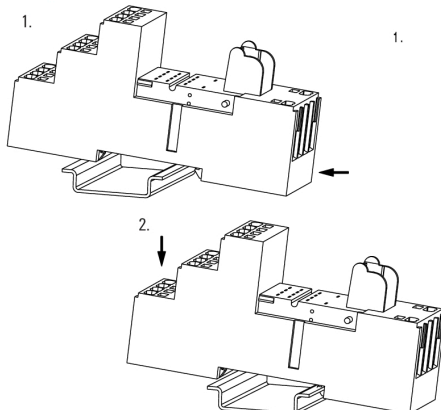
#### Wrong handling PUSH IN connection



#### Recommended screwdriver



#### Snap on socket



#### Unlatching socket

