

**SRC 1CO****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

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

Similar to illustration

**General ordering data**

|            |                                                                                    |
|------------|------------------------------------------------------------------------------------|
| Version    | RIDERSERIES RCL, Relay socket, Number of contacts: 1, CO contact, Screw connection |
| Order No.  | <a href="#">8690840000</a>                                                         |
| Type       | SRC 1CO                                                                            |
| GTIN (EAN) | 4032248361526                                                                      |
| Qty.       | 10 pc(s).                                                                          |

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## Technical data

## Dimensions and weights

|            |         |                 |            |
|------------|---------|-----------------|------------|
| Depth      | 61 mm   | Depth (inches)  | 2.402 inch |
| Height     | 77 mm   | Height (inches) | 3.031 inch |
| Width      | 15.5 mm | Width (inches)  | 0.61 inch  |
| Net weight | 39.9 g  |                 |            |

## Temperatures

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

## Rated data UL

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

## Load side

|              |              |
|--------------|--------------|
| Contact type | 1 CO contact |
|--------------|--------------|

## General data

|      |       |        |       |
|------|-------|--------|-------|
| Rail | TS 35 | Colour | black |
|------|-------|--------|-------|

## Insulation coordination

|                                   |                                |                                              |                                |
|-----------------------------------|--------------------------------|----------------------------------------------|--------------------------------|
| Dielectric strength, Input/Output | 2.5 kV <sub>eff</sub> / 1 Min. | Dielectric strength of neighbouring contacts | 2.5 kV <sub>eff</sub> / 1 Min. |
| Protection degree                 | IP20                           |                                              |                                |

## Further details of approvals / standards

|           |       |                         |         |
|-----------|-------|-------------------------|---------|
| Standards | UL508 | Certificate No. (cURus) | E223759 |
|-----------|-------|-------------------------|---------|

## Connection data

|                         |                  |                         |          |
|-------------------------|------------------|-------------------------|----------|
| Wire connection method  | Screw connection | Tightening torque, min. | 0.5 Nm   |
| Tightening torque, max. | 0.8 Nm           | Blade size              | size PH1 |
| Pitch in mm (P)         | 3.5 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 without exemption |
| REACH SVHC             | No SVHC above 0.1 wt%       |

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## Technical data

### Approvals

Approvals



|                         |                                                                                                                                                                             |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Approvals MAMID         | <a href="https://mdcop.weidmueller.com/mediadelivery/rendition/900_319230/-T1z1mm-S800/">https://mdcop.weidmueller.com/mediadelivery/rendition/900_319230/-T1z1mm-S800/</a> |
| ROHS                    | Conform                                                                                                                                                                     |
| UL File Number Search   | UL Website                                                                                                                                                                  |
| Certificate No. (cURus) | E223759                                                                                                                                                                     |

### Downloads

Catalogues [Catalogues in PDF-format](#)

## SRC 1CO

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## Accessories

## RCL

## General ordering data

|            |                            |                                                                      |
|------------|----------------------------|----------------------------------------------------------------------|
| Type       | RIM 2 24/60VDC GN          | Version                                                              |
| Order No.  | <a href="#">8713730000</a> | RIDERSERIES RCL, LED module with freewheel diode, Rated control      |
| GTIN (EAN) | 4032248389889              | voltage: 24...60 V DC, Plug-in connection                            |
| Qty.       | 10 pc(s).                  |                                                                      |
| Type       | RIM 1 6/230V               | Version                                                              |
| Order No.  | <a href="#">8690940000</a> | RIDERSERIES RCL, Free-wheeling diode, Rated control voltage: 6...230 |
| GTIN (EAN) | 4032248361601              | V, Plug-in connection                                                |
| Qty.       | 10 pc(s).                  |                                                                      |
| Type       | SRC CLIP LP                | Version                                                              |
| Order No.  | <a href="#">8691090000</a> | RIDERSERIES RCL, Retaining clip                                      |
| GTIN (EAN) | 4032248361793              |                                                                      |
| Qty.       | 10 pc(s).                  |                                                                      |
| Type       | SRC CLIP HM                | Version                                                              |
| Order No.  | <a href="#">8693370000</a> | RIDERSERIES FG, Retaining clip                                       |
| GTIN (EAN) | 4032248364817              |                                                                      |
| Qty.       | 10 pc(s).                  |                                                                      |
| Type       | RIM 4 24/60VUC GN          | Version                                                              |
| Order No.  | <a href="#">8713790000</a> | RIDERSERIES RCL, LED module, Protective varistor, Rated control      |
| GTIN (EAN) | 4032248390168              | voltage: 24...60 V UC, Plug-in connection                            |
| Qty.       | 10 pc(s).                  |                                                                      |
| Type       | RIM 3 24/60VUC GN          | Version                                                              |
| Order No.  | <a href="#">8713760000</a> | RIDERSERIES RCL, LED module, Rated control voltage: 24...60 V UC,    |
| GTIN (EAN) | 4032248390137              | Plug-in connection                                                   |
| Qty.       | 10 pc(s).                  |                                                                      |
| Type       | RIM 1 R 110/230V           | Version                                                              |
| Order No.  | <a href="#">8816590000</a> | RIDERSERIES RCL, Load                                                |
| GTIN (EAN) | 4032248516803              |                                                                      |
| Qty.       | 10 pc(s).                  |                                                                      |
| Type       | RIM 2 6/24VDC              | Version                                                              |
| Order No.  | <a href="#">8690950000</a> | RIDERSERIES RCL, LED module with freewheel diode, Rated control      |
| GTIN (EAN) | 4032248361632              | voltage: 6...24 V DC, Plug-in connection                             |
| Qty.       | 10 pc(s).                  |                                                                      |
| Type       | RIM 3 110/230VUC GN        | Version                                                              |
| Order No.  | <a href="#">8713770000</a> | RIDERSERIES RCL, LED module, Rated control voltage: 110...230 V      |
| GTIN (EAN) | 4032248390144              | UC, Plug-in connection                                               |
| Qty.       | 10 pc(s).                  |                                                                      |
| Type       | RIM 3 6/24VUC              | Version                                                              |
| Order No.  | <a href="#">8691010000</a> | RIDERSERIES RCL, LED module, Rated control voltage: 6...24 V UC,     |
| GTIN (EAN) | 4032248361694              | Plug-in connection                                                   |
| Qty.       | 10 pc(s).                  |                                                                      |

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## SRC 1C0

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## Accessories

|            |                            |                                                                    |
|------------|----------------------------|--------------------------------------------------------------------|
| Type       | RIM 3 24/60VUC             | Version                                                            |
| Order No.  | <a href="#">8691020000</a> | RIDERSERIES RCL, LED module, Rated control voltage: 24...60 V UC,  |
| GTIN (EAN) | 4032248361700              | Plug-in connection                                                 |
| Qty.       | 10 pc(s).                  |                                                                    |
| Type       | RIM 4 6/24VUC              | Version                                                            |
| Order No.  | <a href="#">8691040000</a> | RIDERSERIES RCL, LED module, Protective varistor, Rated control    |
| GTIN (EAN) | 4032248361724              | voltage: 6...24 V UC, Plug-in connection                           |
| Qty.       | 10 pc(s).                  |                                                                    |
| Type       | SRC CLIP HP                | Version                                                            |
| Order No.  | <a href="#">8691070000</a> | RIDERSERIES RCL, Retaining clip                                    |
| GTIN (EAN) | 4032248361755              |                                                                    |
| Qty.       | 10 pc(s).                  |                                                                    |
| Type       | RIM 4 6/24VUC GN           | Version                                                            |
| Order No.  | <a href="#">8713780000</a> | RIDERSERIES RCL, LED module, Protective varistor, Rated control    |
| GTIN (EAN) | 4032248390151              | voltage: 6...24 V UC, Plug-in connection                           |
| Qty.       | 10 pc(s).                  |                                                                    |
| Type       | RIM 4 110/230VUC GN        | Version                                                            |
| Order No.  | <a href="#">8713800000</a> | RIDERSERIES RCL, LED module, Protective varistor, Rated control    |
| GTIN (EAN) | 4032248390182              | voltage: 110...230 V UC, Plug-in connection                        |
| Qty.       | 10 pc(s).                  |                                                                    |
| Type       | RIM 4 110/230VUC           | Version                                                            |
| Order No.  | <a href="#">8691060000</a> | RIDERSERIES RCL, LED module, Protective varistor, Rated control    |
| GTIN (EAN) | 4032248361748              | voltage: 110...230 V UC, Plug-in connection                        |
| Qty.       | 10 pc(s).                  |                                                                    |
| Type       | RIM 3 110/230VAC           | Version                                                            |
| Order No.  | <a href="#">8691000000</a> | RIDERSERIES RCL, RC filter, Rated control voltage: 110...230 V AC, |
| GTIN (EAN) | 4032248361687              | Plug-in connection                                                 |
| Qty.       | 10 pc(s).                  |                                                                    |
| Type       | RIM 3 6/24VUC GN           | Version                                                            |
| Order No.  | <a href="#">8713750000</a> | RIDERSERIES RCL, LED module, Rated control voltage: 6...24 V UC,   |
| GTIN (EAN) | 4032248390120              | Plug-in connection                                                 |
| Qty.       | 10 pc(s).                  |                                                                    |
| Type       | RIM 3 110/230VUC           | Version                                                            |
| Order No.  | <a href="#">8691030000</a> | RIDERSERIES RCL, LED module, Rated control voltage: 110...230 V    |
| GTIN (EAN) | 4032248361717              | UC, Plug-in connection                                             |
| Qty.       | 10 pc(s).                  |                                                                    |
| Type       | RIM 2 24/60VDC             | Version                                                            |
| Order No.  | <a href="#">8690960000</a> | RIDERSERIES RCL, LED module with freewheel diode, Rated control    |
| GTIN (EAN) | 4032248361649              | voltage: 24...60 V DC, Plug-in connection                          |
| Qty.       | 10 pc(s).                  |                                                                    |

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## Accessories

## Individual components



Relay modules with forcibly guided contacts

Relays with forcibly guided contacts have a 99 % diagnostics coverage and an excellent reputation for use in safety systems. The contacts interlock mechanically with each other in order to ensure a synchronous switching status of both contacts. This guarantees that the alert contact will maintain the same switching status in the event of an error (for example, if the working contact welds from an overload). The controller (or safety controller) detects the alert contact and then compares the set values and actual values. If a difference occurs, measures can then be taken to protect equipment and human life.

- 2 CO contacts with 6 A, forcibly guided according to EN 61810-3 type B
- Proven component in safety technology
- Diagnosis coverage of 99 %

## General ordering data

|            |                            |                                                                |
|------------|----------------------------|----------------------------------------------------------------|
| Type       | RIM 2 6/24VDC GN           | Version                                                        |
| Order No.  | <a href="#">8713720000</a> | RIDERSERIES FG, LED module with freewheel diode, Rated control |
| GTIN (EAN) | 4032248389872              | voltage: 6...24 V DC, Plug-in connection                       |
| Qty.       | 10 pc(s).                  |                                                                |
| Type       | SRC MARK                   | Version                                                        |
| Order No.  | <a href="#">8693270000</a> | RIDERSERIES FG, Label                                          |
| GTIN (EAN) | 4032248364725              |                                                                |
| Qty.       | 10 pc(s).                  |                                                                |