

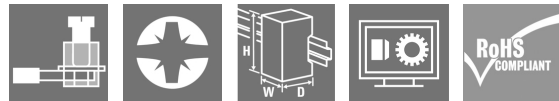
SRC-I 2CO N**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Product image

Relay sockets for the RIDERSERIES RCI relays

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

General ordering data

Version	RIDERSERIES RCI, Relay socket, Number of contacts: 2, CO contact, Continuous current: 8 A, Screw connection
Order No.	8869480000
Type	SRC-I 2CO N
GTIN (EAN)	4032248614431
Qty.	10 pc(s).

SRC-I 2CO N

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Technical data

Dimensions and weights

Depth	42.3 mm	Depth (inches)	1.665 inch
Height	77 mm	Height (inches)	3.031 inch
Width	15.8 mm	Width (inches)	0.622 inch
Net weight	37 g		

Temperatures

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

Rated data UL

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

Load side

Rated switching voltage		Continuous current	8 A @ 2CO; 12 A @ 1CO without bridged output wire connections; 16 A @ 1CO with bridged output wire connections
	250 V AC		
Max. switching voltage, AC	250 V	Contact type	2 CO contact

General data

Version	flat design	Rail	TS 35
Colour	black	UL 94 flammability rating	V-0

Insulation coordination

Rated voltage	250 V	Pollution severity	2
Surge voltage category	III	Insulating material group	IIIa
Clearance and creepage distances for control side - load side	≥ 4 mm	Dielectric strength for control side - load side	4 kV _{eff} / 1 min
Type of isolation at input and output	Basic insulation	Dielectric strength of neighbouring con- tacts	2.5 kV _{eff} / 1 Min.
Type of isolation at neighbouring con- tacts	Functional insulation	Dielectric strength of open contact	1 kV _{eff} / 1 min
Protection degree	IP20		

Further details of approvals / standards

Certificate No. (CSA)	249409-2295474	Certificate No. (cURus)	E223759
-----------------------	----------------	-------------------------	---------

SRC-I 2CO N

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Technical data

Connection data

Wire connection method	Screw connection	Stripping length, rated connection	8 mm
Tightening torque, min.	0.5 Nm	Tightening torque, max.	0.7 Nm
Clamping range, rated connection	2.5 mm ²	Clamping range, min.	1 mm ²
Clamping range, max.	2.5 mm ²	Wire cross-section, solid, min.	1 mm ²
Wire cross-section, solid, max.	2.5 mm ²	Wire connection cross section, finely stranded, min.	1 mm ²
Wire connection cross section, finely stranded, max.	2.5 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	1 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	2.5 mm ²	Conductor cross-section, flexible, AEH (DIN 46228-1), min.	1 mm ²
Conductor cross-section, flexible, AEH (DIN 46228-1), max.	2.5 mm ²	Wire connection cross section, finely stranded, two clampable wires, min.	1 mm ²
Wire cross-section, finely stranded, two clampable wires, max.	1.5 mm ²	Blade size	size PZ1
Pitch in mm (P)	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%

Important note

Product information	IP20 without connected conductor at complete opened clamping yoke connection.
---------------------	---

Approvals

Approvals



Approvals MAMID	https://mdcop.weidmueller.com/mediadelivery/rendition/900_319222/-T1z1mm-S800/ https://mdcop.weidmueller.com/mediadelivery/rendition/900_319226/-T1z1mm-S800/ https://mdcop.weidmueller.com/mediadelivery/rendition/900_319230/-T1z1mm-S800/ https://mdcop.weidmueller.com/mediadelivery/rendition/900_319260/-T1z1mm-S800/
ROHS	Conform
UL File Number Search	UL Website
Certificate No. (cURus)	E223759

SRC-I 2CO N

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

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](#)

Brochures

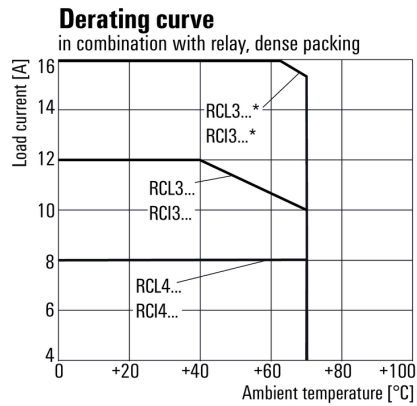
SRC-I 2CO N

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

www.weidmueller.com

Drawings

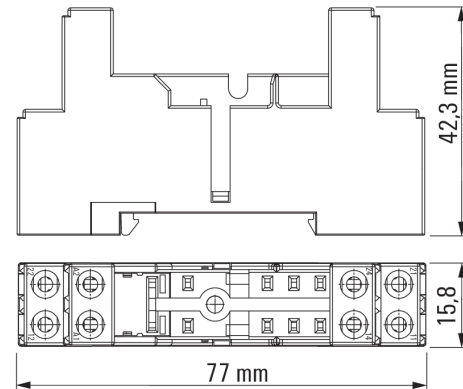
Graph



* For full continuous current (16 A), the wire terminals 11 with 21, 12 with 22 and 14 with 24 must be bridged with a wire $\geq 1,5 \text{ mm}^2$ at the socket.

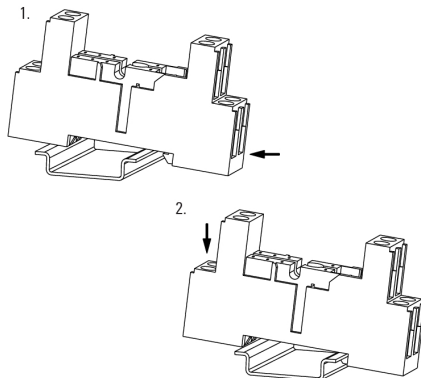
Derating curve

Dimensional drawing



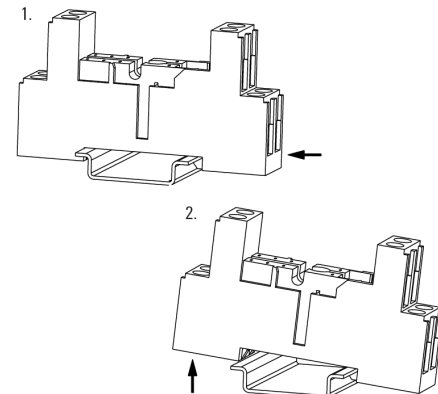
Miscellaneous

Snap on socket



Miscellaneous

Unlatching socket



SRC-I 2CO N

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Accessories

Protective varistor



Pluggable protective modules for the RIDERSERIES RCI / RCM relay sockets, with optional protective functions.

- With protective varistor
- For UC supply voltage

General ordering data

Type	RIM-I 4 24VUC VAR	Version
Order No.	8869710000	RIDERSERIES, Protective varistor, Rated control voltage: 24 V UC, Plug-
GTIN (EAN)	4032248606344	in connection
Qty.	10 pc(s).	
Type	RIM-I 4 230VUC VAR	Version
Order No.	8869750000	RIDERSERIES, Protective varistor, Rated control voltage: 230 V UC,
GTIN (EAN)	4032248606368	Plug-in connection
Qty.	10 pc(s).	
Type	RIM-I 4 110VUC VAR	Version
Order No.	8869730000	RIDERSERIES, Protective varistor, Rated control voltage: 110 V UC,
GTIN (EAN)	4032248606351	Plug-in connection
Qty.	10 pc(s).	

Cross-connection for socket with screw connection

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



General ordering data

Type	SRC-I QV S	Version
Order No.	1132070000	RIDERSERIES RCI, Cross-connector
GTIN (EAN)	4032248912087	
Qty.	10 pc(s).	

SRC-I 2CO N**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**Accessories****Crosshead screwdriver Pozidriv**

Crosshead screwdriver, Pozidriv, SDK PZ DIN 5262, ISO 8764/2-PZ, output to ISO 8764/1-PZ, ChromTop tip, SoftFinish grip

General ordering data

Type	SDK PZ1 X 80	Version
Order No.	2749440000	Screwdriver, Blade width (B): 80 mm, Blade thickness (A):
GTIN (EAN)	4050118895667	
Qty.	1 pc(s).	

Crosshead screwdriver, Pozidrive

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 PZ1 X 80	Version
Order No.	2749670000	Screwdriver, Blade width (B): 1 mm, 80 mm, Blade thickness (A): 1
GTIN (EAN)	4050118896411	
Qty.	1 pc(s).	

SRC-I 2CO N

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Accessories

Retaining clips

Retaining clip for RIDERSERIES RCI relays

- Metal and plastic retaining clip



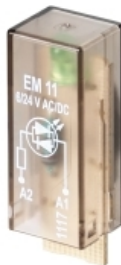
General ordering data

Type	SRC-I CLIP HM RCI	Version
Order No.	1132090000	RIDERSERIES RCI, Retaining clip
GTIN (EAN)	4032248912209	
Qty.	20 pc(s).	
Type	SRC-I CLIP HP	Version
Order No.	8869510000	RIDERSERIES RCI, Retaining clip
GTIN (EAN)	4032248614462	
Qty.	10 pc(s).	

LED

Pluggable protective modules for the RIDERSERIES RCI / RCM relay sockets, with optional protective functions.

- Optional with green or red LED
- For UC supply voltage



General ordering data

Type	RIM-I 3 110/230VUC	Version
Order No.	8869650000	RIDERSERIES, LED module, Rated control voltage: 110...230 V UC,
GTIN (EAN)	4032248614592	Plug-in connection
Qty.	10 pc(s).	
Type	RIM-I 3 6/24VUC	Version
Order No.	8869630000	RIDERSERIES, LED module, Rated control voltage: 6...24 V UC, Plug-in
GTIN (EAN)	4032248614578	connection
Qty.	10 pc(s).	
Type	RIM-I 3 6/24VUC GN	Version
Order No.	8869640000	RIDERSERIES, LED module, Rated control voltage: 6...24 V UC, Plug-in
GTIN (EAN)	4032248614585	connection
Qty.	10 pc(s).	
Type	RIM-I 3 24/60VUC	Version
Order No.	8869610000	RIDERSERIES, LED module, Rated control voltage: 24...60 V UC, Plug-
GTIN (EAN)	4032248614554	in connection
Qty.	10 pc(s).	

SRC-I 2CO N

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Accessories

Type	RIM-I 3 24/60VUC GN	Version
Order No.	8869620000	RIDERSERIES, LED module, Rated control voltage: 24...60 V UC, Plug-
GTIN (EAN)	4032248614561	in connection
Qty.	10 pc(s).	
Type	RIM-I 3 110/230VUC GN	Version
Order No.	8869660000	RIDERSERIES, LED module, Rated control voltage: 110...230 V UC,
GTIN (EAN)	4032248614721	Plug-in connection
Qty.	10 pc(s).	

LED / Free-wheel diode



Pluggable protective modules for the RIDERSERIES RCI / RCM relay sockets, with optional protective functions.

- Optional with green or red LED
- With free-wheeling diode
- For DC supply voltage

General ordering data

Type	RIM-I 2 24/60VDC GN	Version
Order No.	8869680000	RIDERSERIES, LED module with freewheel diode, Rated control
GTIN (EAN)	4032248614615	voltage: 24...60 V DC, Plug-in connection
Qty.	10 pc(s).	
Type	RIM-I 2 6/24VDC GN	Version
Order No.	8869600000	RIDERSERIES, LED module with freewheel diode, Rated control
GTIN (EAN)	4032248614547	voltage: 6...24 V DC, Plug-in connection
Qty.	10 pc(s).	
Type	RIM-I 2 24/60VDC	Version
Order No.	8869670000	RIDERSERIES, LED module with freewheel diode, Rated control
GTIN (EAN)	4032248614608	voltage: 24...60 V DC, Plug-in connection
Qty.	10 pc(s).	
Type	RIM-I 2 110/230VDC	Version
Order No.	8869690000	RIDERSERIES, LED module with freewheel diode, Rated control
GTIN (EAN)	4032248614622	voltage: 110...230 V DC, Plug-in connection
Qty.	10 pc(s).	
Type	RIM-I 2 6/24VDC	Version
Order No.	8869590000	RIDERSERIES, LED module with freewheel diode, Rated control
GTIN (EAN)	4032248614530	voltage: 6...24 V DC, Plug-in connection
Qty.	10 pc(s).	
Type	RIM-I 2 110/230VDC GN	Version
Order No.	8869700000	RIDERSERIES, LED module with freewheel diode, Rated control
GTIN (EAN)	4032248614639	voltage: 110...230 V DC, Plug-in connection
Qty.	10 pc(s).	

SRC-I 2CO N

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Accessories

Protection module



Pluggable protective modules for the RIDERSERIES RCI / RCM relay sockets, with optional protective functions.

- Optional with free-wheeling diode, protective varistor, load resistor or RC filter

General ordering data

Type	RIM-I 3 6/60VAC RC	Version
Order No.	8869770000	RIDERSERIES, RC filter, Rated control voltage: 6...60 V UC, Plug-in connection
GTIN (EAN)	4032248606320	
Qty.	10 pc(s).	
Type	RIM-I 1 R 110/230V	Version
Order No.	8870830000	RIDERSERIES, Load, Rated control voltage: 110...230 V UC, Plug-in connection
GTIN (EAN)	4032248631674	
Qty.	10 pc(s).	
Type	RIM-I 1 6/230V	Version
Order No.	8869580000	RIDERSERIES, Free-wheeling diode, Rated control voltage: 6...230 V DC, Plug-in connection
GTIN (EAN)	4032248614523	
Qty.	10 pc(s).	
Type	RIM-I 3 230VAC RC	Version
Order No.	1172210000	RIDERSERIES, RC filter, Rated control voltage: 230 V UC, Plug-in connection
GTIN (EAN)	4032248964420	
Qty.	10 pc(s).	
Type	RIM-I 3 110/230VAC RC	Version
Order No.	8869790000	RIDERSERIES, RC filter, Rated control voltage: 110...230 V UC, Plug-in connection
GTIN (EAN)	4032248606337	
Qty.	10 pc(s).	

RCI

General ordering data

Type	SRC-I MARK	Version
Order No.	8869530000	RIDERSERIES RCI, Label
GTIN (EAN)	4032248614479	
Qty.	10 pc(s).	

SRC-I 2CO N

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Accessories

Crosshead screwdriver Pozidriv



VDE insulated crosshead screwdriver type Pozidriv SDIK
PZ DIN 7438, ISO 8764/2-PZ, output to ISO 8764-PZ,
SoftFinish grip

General ordering data

Type	SDIK PZ1 X 80	Version
Order No.	2749920000	Screwdriver, Blade width (B): 1 mm, 80 mm, Blade thickness (A): 1
GTIN (EAN)	4050118897227	
Qty.	1 pc(s).	