

**RIDERSERIES  
SRC 2CO****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 16

D-32758 Detmold

Germany

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www.weidmueller.com



Relay base for RIDERSERIES RCL relays

- Screw and tension clamp connection
- standard and low construction heights

**General ordering data**

Type	SRC 2CO
Order No.	<a href="#">8690830000</a>
Version	RIDERSERIES, Relay base, Screw connection
GTIN (EAN)	4032248361519
Qty.	10 pc(s).

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

Width	15.5 mm	Height	77 mm
Depth	61 mm	Net weight	43.2 g

**Temperatures**

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

**General data**

Wire connection method	Screw connection	Humidity	40 °C / 93 % rel. humidity, no condensation
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**Insulation coordination**

Dielectric strength input – output	5 kV	Protection degree	IP 20
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**Other technical data**

Version	Relay accessories
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**Further details of approvals / standards**

Standards	UL508
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**Connection data**

Pitch in mm (P)	5 mm	Wire connection method	Screw connection
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**Classifications**

ETIM 3.0	EC001456	UNSPSC	30-21-19-17
eClass 5.1	27-37-16-03	eClass 6.2	27-37-16-03
eClass 7.1	27-37-16-03		

**Approvals**

Approvals



ROHS	Conform
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**Downloads**

Declaration of Conformity	<a href="#">K295_02_13.pdf</a>
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**Mating connector (fully pluggable)**
**1 CO contacts / gold-plated contacts**


Standard relay within the RIDERSERIES RCL

- 1 hard gold plated CO contact
- optionally: AC or DC coils

**General ordering data**

Type	Order No.	Version	GTIN (EAN)	Qty.
RCL315615	<a href="#">8824880000</a>	RIDERSERIES, Relais, No. of contacts: 1, CO contact, AgNi 5µm Au, Rated control voltage: 115 V AC, Continuous current: 16 A, Plug-in connection	4032248526376	10 pc(s).
RCL315024	<a href="#">8824830000</a>	RIDERSERIES, Relais, No. of contacts: 1, CO contact, AgNi 5µm Au, Rated control voltage: 24 V DC, Continuous current: 16 A, Plug-in connection	4032248526321	20 pc(s).

**2 CO contacts**


Standard relay within the RIDERSERIES RCL

- 2 CO contacts
- optionally: AC or DC coils

**General ordering data**

Type	Order No.	Version	GTIN (EAN)	Qty.
RCL424012	<a href="#">4058560000</a>	RIDERSERIES, Relais, No. of contacts: 2, CO contact, AgNi 90/10, Rated control voltage: 12 V DC, Continuous current: 8 A, Plug-in connection	4032248189274	20 pc(s).
RCL424615	<a href="#">4058610000</a>	RIDERSERIES, Relais, No. of contacts: 2, CO contact, AgNi 90/10, Rated control voltage: 115 V AC, Continuous current: 8 A, Plug-in connection	4032248191178	20 pc(s).

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**Mating connector (fully pluggable)**

RCL424512	<a href="#">8693420000</a>	RIDERSERIES, Relais, No. of contacts: 2, CO contact, AgNi 90/10, Rated control voltage: 12 V AC, Continuous current: 8 A, Plug-in connection	4032248364862 20 pc(s).
RCL424006	<a href="#">8693330000</a>	RIDERSERIES, Relais, No. of contacts: 2, CO contact, AgNi 90/10, Rated control voltage: 6 V DC, Continuous current: 8 A, Plug-in connection	4032248364770 20 pc(s).
RCL424548	<a href="#">8693340000</a>	RIDERSERIES, Relais, No. of contacts: 2, CO contact, AgNi 90/10, Rated control voltage: 48 V AC, Continuous current: 8 A, Plug-in connection	4032248364787 20 pc(s).
RCL424730	<a href="#">4058630000</a>	RIDERSERIES, Relais, No. of contacts: 2, CO contact, AgNi 90/10, Rated control voltage: 230 V AC, Continuous current: 8 A, Plug-in connection	4032248252510 20 pc(s).
RCL424524	<a href="#">4058600000</a>	RIDERSERIES, Relais, No. of contacts: 2, CO contact, AgNi 90/10, Rated control voltage: 24 V AC, Continuous current: 8 A, Plug-in connection	4032248189335 20 pc(s).
RCL424024	<a href="#">4058570000</a>	RIDERSERIES, Relais, No. of contacts: 2, CO contact, AgNi 90/10, Rated control voltage: 24 V DC, Continuous current: 8 A, Plug-in connection	4032248189298 20 pc(s).

**2 CO contacts**


TERMSERIES accessories include:

- Spare relay
- Base
- Partition plates
- Cross-connections
- Power-feed modules

**General ordering data**

Type	Order No.	Version	GTIN (EAN)	Qty.
RCL424048	<a href="#">4058750000</a>	RIDERSERIES, Relais, No. of contacts: 2, CO contact, AgNi 90/10, Rated	4032248303212 20 pc(s).	

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**Mating connector (fully pluggable)**

		control voltage: 48 V DC, Continuous current: 8 A, Plug-in connection
RCL424110	<a href="#">4058590000</a>	RIDERSERIES, Relais, 4032248189311 20 pc(s). No. of contacts: 2, CO contact, AgNi 90/10, Rated control voltage: 110 V DC, Continuous current: 8 A, Plug-in connection
RCL424060	<a href="#">4058760000</a>	RIDERSERIES, Relais, 4032248412662 20 pc(s). No. of contacts: 2, CO contact, AgNi 90/10, Rated control voltage: 60 V DC, Continuous current: 8 A, Plug-in connection
RCL424005	<a href="#">8693790000</a>	RIDERSERIES, Relais, 4032248365258 20 pc(s). No. of contacts: 2, CO contact, AgNi 90/10, Rated control voltage: 5 V DC, Continuous current: 8 A, Plug-in connection

**2 CO contacts / gold-plated contacts**


Standard relay within the RIDERSERIES RCL

- 2 hard gold plated CO contacts
- optionally: AC or DC coils

**General ordering data**

Type	Order No.	Version	GTIN (EAN)	Qty.
RCL425615	<a href="#">4058620000</a>	RIDERSERIES, Relais, No. of contacts: 2, CO contact, AgNi 5µm Au, Rated control voltage: 115 V AC, Continuous current: 8 A, Plug-in connection	4032248415069 1 pc(s).	
RCL425012	<a href="#">4074580000</a>	RIDERSERIES, Relais, No. of contacts: 2, CO contact, AgNi 5µm Au, Rated control voltage: 12 V DC, Continuous current: 8 A, Plug-in connection	4032248604845 20 pc(s).	
RCL425110	<a href="#">8828370000</a>	RIDERSERIES, Relais, No. of contacts: 2, CO contact, AgNi 5µm Au, Rated control voltage: 110 V DC, Continuous current: 8 A, Plug-in connection	4032248531530 20 pc(s).	

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**Mating connector (fully pluggable)**

RCL425024 <a href="#">4058580000</a>	RIDERSERIES, Relais, No. of contacts: 2, CO contact, AgNi 5µm Au, Rated control voltage: 24 V DC, Continuous current: 8 A, Plug-in connection	4032248269 129 20 pc(s).
RCL425730 <a href="#">4058640000</a>	RIDERSERIES, Relais, No. of contacts: 2, CO contact, AgNi 5µm Au, Rated control voltage: 230 V AC, Continuous current: 8 A, Plug-in connection	4032248189403 20 pc(s).

**2 CO contact / hard gold-plated contacts**


TERMSERIES accessories include:

- Spare relay
- Base
- Partition plates
- Cross-connections
- Power-feed modules

**General ordering data**

Type	Order No.	Version	GTIN (EAN)	Qty.
RCL425060 <a href="#">1201260000</a>		RIDERSERIES, Relais, No. of contacts: 2, CO contact, AgNi 5µm Au, Rated control voltage: 60 V DC, Continuous current: 8 A, Plug-in connection	4050118049732 20 pc(s).	
RCL425048 <a href="#">1201230000</a>		RIDERSERIES, Relais, No. of contacts: 2, CO contact, AgNi 5µm Au, Rated control voltage: 48 V DC, Continuous current: 8 A, Plug-in connection	4050118049725 20 pc(s).	
RCL425005 <a href="#">1174490000</a>		RIDERSERIES, Relais, No. of contacts: 2, CO contact, AgNi 5µm Au, Rated control voltage: 5 V DC, Continuous current: 8 A, Plug-in connection	4050118049701 20 pc(s).	

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**Mating connector (fully pluggable)**
**1 NO contact, inrush power**


Standard relay within the RIDERSERIES RCL inrush power

- 1 NO contact,
- RCLS3L.. with AgSnO<sub>2</sub> contact for peak inrush currents up to 120 A for 20 ms
- RCLS3T.. with AgSnO<sub>2</sub> and leading tungsten contact for peak inrush currents up to 165 A for 20 ms and 800 A for 200 µs

**General ordering data**

Type	Order No.	Version	GTIN (EAN)	Qty.
RCLS3L024	<a href="#">8866900000</a>	RIDERSERIES, Relais, No. of contacts: 1, NO contact, AgSnO <sub>2</sub> , Rated control voltage: 24 V DC, Continuous current: 16 A, Plug-in connection	4032248606559	20 pc(s).
RCLS3T012	<a href="#">8866910000</a>	RIDERSERIES, Relais, No. of contacts: 1, NO contact, AgSnO <sub>2</sub> + W, Rated control voltage: 12 V DC, Continuous current: 16 A, Plug-in connection	4032248606535	20 pc(s).
RCLS3T024	<a href="#">8866920000</a>	RIDERSERIES, Relais, No. of contacts: 1, NO contact, AgSnO <sub>2</sub> + W, Rated control voltage: 24 V DC, Continuous current: 16 A, Plug-in connection	4032248606528	20 pc(s).
RCLS3L012	<a href="#">8866890000</a>	RIDERSERIES, Relais, No. of contacts: 1, NO contact, AgSnO <sub>2</sub> , Rated control voltage: 12 V DC, Continuous current: 16 A, Plug-in connection	4032248606542	20 pc(s).

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**Mating connector (fully pluggable)**
**1 NO contact,**


Standard relay within the RIDERSERIES RCL

- 1 NO contact,
- optionally: AC or DC coils

**General ordering data**

Type	Order No.	Version	GTIN (EAN)	Qty.
RCL334024	<a href="#">8693280000</a>	RIDERSERIES, Relais, No. of contacts: 1, NO contact, AgNi 90/10, Rated control voltage: 24 V DC, Continuous current: 16 A, Plug-in connection	4032248364732	20 pc(s).

**1 CO contact**


Standard relay within the RIDERSERIES RCL

- 1 CO contact
- optionally: AC or DC coils

**General ordering data**

Type	Order No.	Version	GTIN (EAN)	Qty.
RCL314615	<a href="#">8693890000</a>	RIDERSERIES, Relais, No. of contacts: 1, CO contact, AgNi 90/10, Rated control voltage: 115 V AC, Continuous current: 16 A, Plug-in connection	4032248365357	20 pc(s).
RCL214048	<a href="#">8693520000</a>	RIDERSERIES, Relais, No. of contacts: 1, CO contact, AgNi 90/10, Rated control voltage: 48 V DC, Continuous current: 12 A, Plug-in connection	4032248364961	20 pc(s).
RCL 214024	<a href="#">8693200000</a>	RIDERSERIES, Relais, No. of contacts: 1, CO contact, AgNi 90/10, Rated control voltage: 24 V DC, Continuous current: 12 A, Plug-in connection	4032248364664	20 pc(s).



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**Mating connector (fully pluggable)**

RCL314024	<a href="#">8693260000</a>	RIDERSERIES, Relais, No. of contacts: 1, CO contact, AgNi 90/10, Rated control voltage: 24 V DC, Continuous current: 16 A, Plug-in connection	4032248364718 20 pc(s).
RCL214524	<a href="#">8693310000</a>	RIDERSERIES, Relais, No. of contacts: 1, CO contact, AgNi 90/10, Rated control voltage: 24 V AC, Continuous current: 12 A, Plug-in connection	4032248364756 20 pc(s).
RCL314012	<a href="#">8693240000</a>	RIDERSERIES, Relais, No. of contacts: 1, CO contact, AgNi 90/10, Rated control voltage: 12 V DC, Continuous current: 16 A, Plug-in connection	4032248364695 20 pc(s).
RCL214615	<a href="#">8693570000</a>	RIDERSERIES, Relais, No. of contacts: 1, CO contact, AgNi 90/10, Rated control voltage: 115 V AC, Continuous current: 12 A, Plug-in connection	4032248365012 20 pc(s).
RCL314524	<a href="#">8693500000</a>	RIDERSERIES, Relais, No. of contacts: 1, CO contact, AgNi 90/10, Rated control voltage: 24 V AC, Continuous current: 16 A, Plug-in connection	4032248364947 20 pc(s).
RT314110 110VDC 1CO	<a href="#">8630770000</a>	RIDERSERIES, Relais, No. of contacts: 1, CO contact, AgNi 90/10, Rated control voltage: 110 V DC, Continuous current: 16 A, Plug-in connection	4032248291908 20 pc(s).
RT314024 24VDC 1CO	<a href="#">4058480000</a>	RIDERSERIES, Relais, No. of contacts: 1, CO contact, AgNi 90/10, Rated control voltage: 24 V DC, Continuous current: 16 A, Plug-in connection	4032248189281 20 pc(s).
RT314110 110VDC 1CO	<a href="#">4058500000</a>	RIDERSERIES, Relais, No. of contacts: 1, CO contact, AgNi 90/10, Rated control voltage: 110 V DC, Continuous current: 16 A, Plug-in connection	4032248189304 20 pc(s).
RT315048 48Vdc-Rel1U	<a href="#">4058740000</a>	RIDERSERIES, Relais, No. of contacts: 1, CO contact, AgNi 90/10, Rated control voltage: 48 V DC, Continuous current: 16 A, Plug-in connection	4032248303090 1 pc(s).

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**Mating connector (fully pluggable)**

RCL314048	<a href="#">8693380000</a>	RIDERSERIES, Relais, No. of contacts: 1, CO contact, AgNi 90/10, Rated control voltage: 48 V DC, Continuous current: 16 A, Plug-in connection	4032248364824 20 pc(s).
RCL214730	<a href="#">8693300000</a>	RIDERSERIES, Relais, No. of contacts: 1, CO contact, AgNi 90/10, Rated control voltage: 230 V AC, Continuous current: 12 A, Plug-in connection	4032248364749 20 pc(s).
RCL214012	<a href="#">8693170000</a>	RIDERSERIES, Relais, No. of contacts: 1, CO contact, AgNi 90/10, Rated control voltage: 12 V DC, Continuous current: 12 A, Plug-in connection	4032248364633 20 pc(s).
RT314024 24VDC 1CO	<a href="#">8630780000</a>	RIDERSERIES, Relais, No. of contacts: 1, CO contact, AgNi 90/10, Rated control voltage: 24 V DC, Continuous current: 16 A, Plug-in connection	4032248292110 20 pc(s).
RCL314730	<a href="#">8693320000</a>	RIDERSERIES, Relais, No. of contacts: 1, CO contact, AgNi 90/10, Rated control voltage: 230 V AC, Continuous current: 16 A, Plug-in connection	4032248364763 20 pc(s).
RCL314110	<a href="#">8821910000</a>	RIDERSERIES, Relais, No. of contacts: 1, CO contact, AgNi 90/10, Rated control voltage: 110 V DC, Continuous current: 16 A, Plug-in connection	4032248523665 20 pc(s).
RCL314548	<a href="#">8693880000</a>	RIDERSERIES, Relais, No. of contacts: 1, CO contact, AgNi 90/10, Rated control voltage: 48 V AC, Continuous current: 16 A, Plug-in connection	4032248365340 20 pc(s).
RCL314006	<a href="#">8693800000</a>	RIDERSERIES, Relais, No. of contacts: 1, CO contact, AgNi 90/10, Rated control voltage: 6 V DC, Continuous current: 16 A, Plug-in connection	4032248365265 20 pc(s).

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**Mating connector (fully pluggable)****Spare relay**

- Coupling relay with positively driven contacts: for monitoring signals within safety-critical circuits
- Relays with positively driven contacts have a 99% diagnostics coverage and an excellent reputation for use in safety systems.
- The contacts interlock with each other in order to ensure a synchronous switching status between 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 melts from an overload).

**General ordering data**

Type	Order No.	Version	GTIN (EAN)	Qty.
RCI42424FG	<a href="#">1218380000</a>	RIDERSERIES, Relay with positively driven contacts, No. of contacts: 2, CO contact, AgCuNi, Rated control voltage: 24 V DC, Continuous current: 6 A	4050118001891	12 pc(s).