

**RIDERSERIES
RCI484S15**

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-292083
www.weidmueller.com



Standard relays in the RIDERSERIES RCI.

- 2 CO contacts
- Relay with AC coil
- Relay with test button and integrated status display

General ordering data

Order No.	8870360000
Type	RCI484S15
Version	RIDERSERIES, Relais, No. of contacts: 2, CO contact with test button, AgNi 90/10, Rated control voltage: 115 V AC, Continuous current: 8 A, Plug-in connection
GTIN (EAN)	4032248613748
Qty.	10 pc(s).

RIDERSERIES
RCI484S15

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 16
 D-32758 Detmold
 Germany
 Fon: +49 5231 14-0
 Fax: +49 5231 14-292083
 www.weidmueller.com

Technical data
Ratings

Conductor connection system	Plug-in connection	Humidity	40 °C / 93 % rel. humidity, no condensation
Weight	13 g	UL 94 flammability rating	V-0

Dimensions and weights

Width	13 mm	Height	29 mm
Depth	26.7 mm	Weight	13 g
Net weight	18.3 g		

Temperatures

Operating temperature	-40 °C...+70 °C	Storage temperature	-40 °C...+85 °C
-----------------------	-----------------	---------------------	-----------------

Input

Rated control voltage	115 V AC	Rated current AC	6.6 mA
Coil resistance	8,100 $\Omega \pm 15\%$	Power rating	0.75 VA
Response / drop-out voltage AC coil	86.3 V / 17.3 V	Status indicator	red LED

Output

Rated switching voltage	240 V AC	Max. switching voltage, AC	400 V
Continuous current	8 A	making current	15 A / 4 s
Max. switching power	2000 VA	Sparkover time / Drop-out time	10 ms / 4 ms
Min. switching power	12 V / 10 mA	Min. switching current	10 mA
Max. switching frequency at rated load	0.1 Hz		

Contact specifications

No. of contacts	2	Contact design	CO contact with test button
Contact material	AgNi 90/10	Mechanical service life	AC coil 5 x 10 ⁶ Switching cycles, DC coil 10 x 10 ⁶ Switching cycles

Insulation coordination

Rated voltage	250 V	Clearance and creepage distances for control side - load side	≥ 8 mm
Dielectric strength for control side - load side	5 kV _{eff} / 1min	Impulse withstand voltage	5 kV (1.2/50 μ s)
Protection degree	IP 20	Insulating material group	IIIa
Surge voltage category	III		

Other technical data

Version	With test button/LED	Status indicator	red LED
Free-wheel diode	No		

Further details of approvals / standards

Standards	IEC 61810-1, UL508
-----------	--------------------

**RIDERSERIES
RCI484S15**

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-292083
www.weidmueller.com

Technical data**Classifications**

ETIM 2.0	EC001437	ETIM 3.0	EC001437
UNSPSC	30-21-19-17	eClass 4.1	40-02-06-14
eClass 5.1	27-37-16-01	eClass 6.0	27-37-16-01
eClass 7.0	27-37-16-01		

Approvals

Approvals

**Downloads**Declaration of Conformity [K295_12_10.pdf](#)

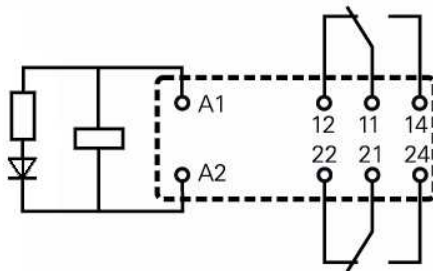
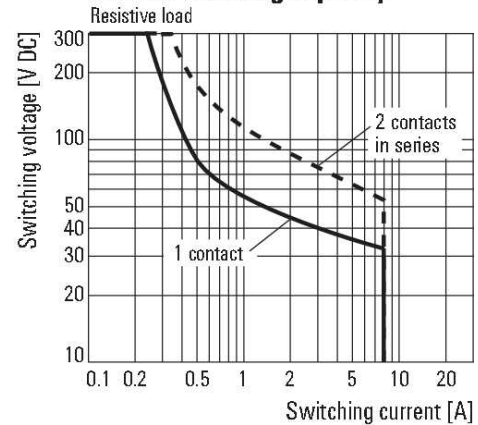
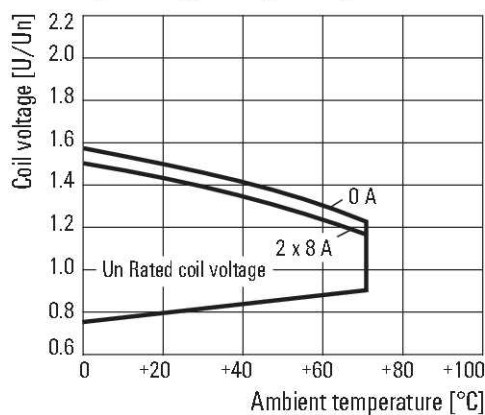
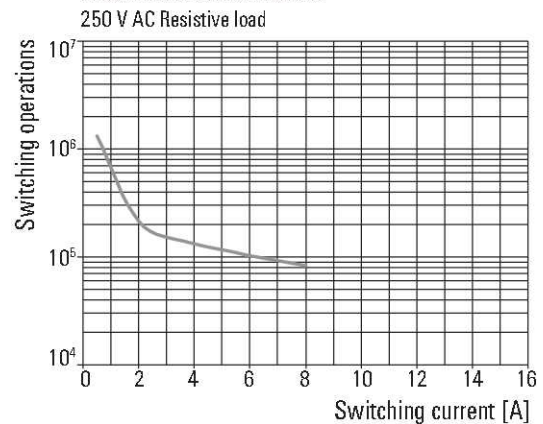
RIDERSERIES
RCI484S15

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 16
 D-32758 Detmold
 Germany
 Fon: +49 5231 14-0
 Fax: +49 5231 14-292083
 www.weidmueller.com

Drawings
Pinning
Circuit diagram

View on pins

2 C/O changeover contacts


DC load breaking capacity

Operating voltage range AC

Electrical endurance


RIDERSERIES
RCI484S15

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 16
 D-32758 Detmold
 Germany
 Fon: +49 5231 14-0
 Fax: +49 5231 14-292083
 www.weidmueller.com

Accessories
LED


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

- With either green or red LED
- For UC supply voltage

General ordering data

Order No.	Type	Version	GTIN (EAN)	Qty.
8869650000	RIM-I 3 110/230VUC	RIDERSERIES, Accessories	4032248614592	10 pc(s).
8869660000	RIM-I 3 110/230VUC GN	RIDERSERIES, Accessories	4032248614721	10 pc(s).

Cross-connector


Cross-connector for bridging connections in the RIDERSERIES RCI

General ordering data

Order No.	Type	Version	GTIN (EAN)	Qty.
8870840000	SRC-I QV P	RIDERSERIES, Cross-connector	4032248631681	10 pc(s).
1132070000	SRC-I QV S	RIDERSERIES, Cross-connector	4032248912087	10 pc(s).

Base


Relay base for the RIDERSERIES RCI relays

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

General ordering data

Order No.	Type	Version	GTIN (EAN)	Qty.
8869500000	SRC-I 2CO P	RIDERSERIES, Accessories,	4032248614455	10 pc(s).
Continuous current: 16				

**RIDERSERIES
RCI484S15**

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 16
 D-32758 Detmold
 Germany
 Fon: +49 5231 14-0
 Fax: +49 5231 14-292083
 www.weidmueller.com

Accessories

	A ⁽¹⁾ , 8 A, PUSH IN spring connection
8869490000 SRC-I 2CO	RIDERSERIES, Accessories, 4032248614448 10 pc(s). Continuous current: 16 A ⁽¹⁾ , 8 A, Screw connection
8869480000 SRC-I 2CO N	RIDERSERIES, Accessories, 4032248614431 10 pc(s). Continuous current: 16 A ⁽¹⁾ , 8 A, Screw connection

LED / Protective varistor


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

- With protective varistor
- For UC supply voltage

General ordering data

Order No.	Type	Version	GTIN (EAN)	Qty.
8869730000	RIM-I 4 110VUC VAR	RIDERSERIES, Accessories	4032248606351	10 pc(s).

Metal retaining clip


Metal retaining clip for RIDERSERIES RCI relays

General ordering data

Order No.	Type	Version	GTIN (EAN)	Qty.
1132090000	SRC-I CLIP HM RCI	RIDERSERIES, Accessories	4032248912209	20 pc(s).

**RIDERSERIES
RCI484S15**

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 16
 D-32758 Detmold
 Germany
 Fon: +49 5231 14-0
 Fax: +49 5231 14-292083
 www.weidmueller.com

Accessories
Labelling clip

Labelling clip for marking RIDERSERIES RCI relays


General ordering data

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

Protection module


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

- Optionally with free-wheel diode, load resistor or RC filter

General ordering data

Order No.	Type	Version	GTIN (EAN)	Qty.
8869580000	RIM-I 1 6/230V	RIDERSERIES, Accessories	4032248614523	10 pc(s).
8870830000	RIM-I 1 R 110/230V	RIDERSERIES, Accessories	4032248631674	10 pc(s).
8869790000	RIM-I 3 110/230VAC RC	RIDERSERIES, Accessories	4032248606337	10 pc(s).

Plastic retaining clip

Plastic retaining clip for RIDERSERIES RCI relays


General ordering data

Order No.	Type	Version	GTIN (EAN)	Qty.
8869510000	SRC-I CLIP HP	RIDERSERIES, Accessories	4032248614462	10 pc(s).

RIDERSERIES
RCI484S15

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 16
 D-32758 Detmold
 Germany
 Fon: +49 5231 14-0
 Fax: +49 5231 14-292083
 www.weidmueller.com

Drawings

Type code	RCI				
Type	RIDER Control Industrial				
Type of construction	3 1-pole, 16 A 4 2-pole, 8 A				
Type of contact	1 1 CO contact without test button 2 2 CO contacts without test button 7 1 CO contact with test button 8 2 CO contacts with test button				
Contact material	4 AgNi 90/10				
					Coil
					012 12 V DC
					024 24 V DC
					048 48 V DC
					110 110 V DC
					524 24 V AC
					615 115 V AC
					730 230 V AC
					AB2 12 V DC+LED+diode
					AC4 24 V DC+LED+diode
					AE8 48 V DC+LED+diode
					BB0 110 V DC+LED+diode
					R24 24 V AC+LED
					S15 115 V AC+LED
					T30 230 V AC+LED