

RCI-KITP with PUSH IN connection

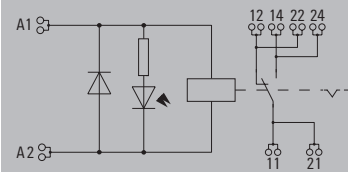
1 CO contact AC/DC coil

- Mounted kit consisting relay, socket and retaining clip
- 100 % function tested
- 100 % check of the dielectric strenght between input - output
- Optional test button with mechanical status indicator
- Bright status LED (AC coil: red / DC coil: green)
- Identification of coils (AC red / DC blue)

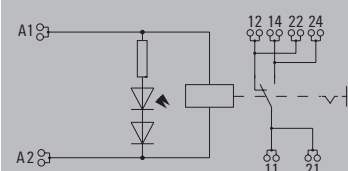


Circuit diagram

DC-Version



AC-Version



Technical data

Load side	
Rated switching voltage / Continuous current	250 V AC / 16 A ¹⁾
Max. switching voltage, AC	400 V
Inrush current	30 A / 4 s
Min. switching power	1 mA @ 24 V, 10 mA @ 12 V, 100 mA @ 5 V
Contact type	1 CO contact with test button (AgNi 90/10)
Mechanical service life	AC coil 5 x 10 ⁶ switch. cycles, DC coil 10 x 10 ⁶ switch. cycles
Max. switching frequency at rated load	0.1 Hz
General data	
Ambient temperature (operational)	-40 °C...70 °C
Storage temperature	-40 °C...70 °C
Humidity	40 °C / 93 % rel. humidity, no condensation
Approvals	CE; DNVGL; EAC
Insulation coordinates	
Rated voltage	250 V
Impulse withstand voltage	5 kV (1.2/50 µs)
Dielectric strength, Input/Output	5 kV _{eff} / 1min
Dielectric strength of neighbouring contacts	
Dielectric strength to mounting rail	
Creepage and clearance distance input - output	≥ 8 mm
Overvoltage category	III
Pollution degree	2

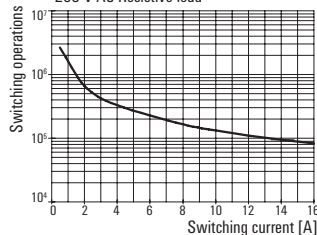
Dimensions	PUSH IN
Clamping range (nominal / min. / max.)	mm ² 1.5 / 0.75 / 1.5
Depth x width x height	mm 69.6 / 15.8 / 98

Note 1) For full continuous current (16 A), relay connections 11 - 21, 12 - 22 and 14 - 24 must be bridged. Further technical data can be found at catalog.weidmueller.com

Applications

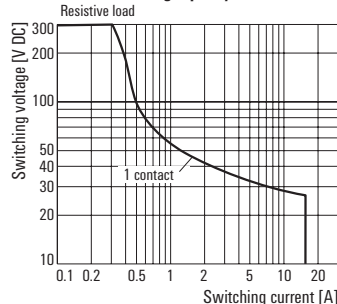
Electrical endurance

250 V AC Resistive load

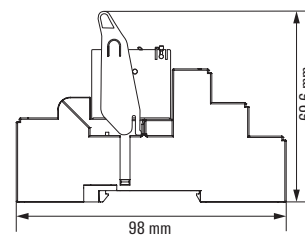


DC load breaking capacity

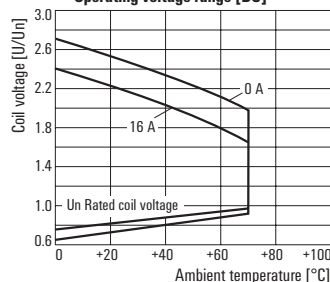
Resistive load



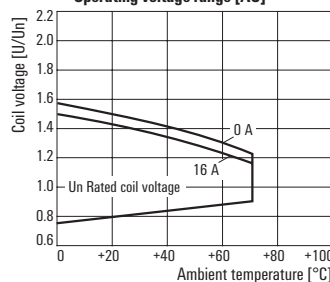
Dimensioned drawing



Operating voltage range [DC]

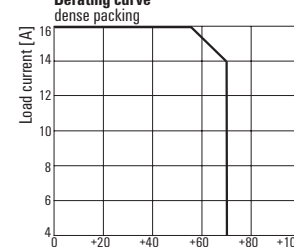


Operating voltage range [AC]



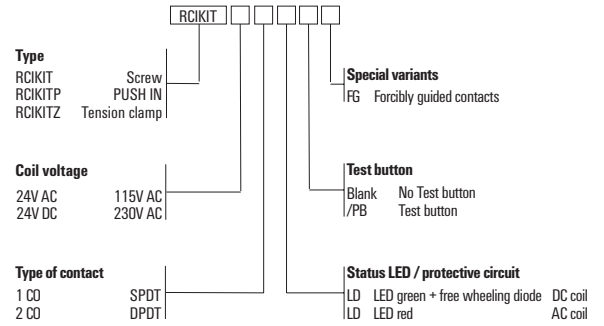
Derating curve

dense packing



* For full continuous current (16 A), socket connections 11-21, 12-22 and 14-24 must be bridged.

RCI-KITP with PUSH IN connection 1 CO contact AC/DC coil



Ordering data

Control side	24 V DC 1CO	24 V AC 1CO	115 V AC 1CO	230 V AC 1CO
Rated control voltage	24 V DC	24 V AC	115 V AC	230 V AC
Rated current AC / DC	/ 16.7 mA	31.6 mA /	7 mA /	3.5 mA /
Power rating	420 mW	0.75 VA	0.8 VA	0.8 VA
Status indicator	Green LED	red LED	red LED	red LED
Protective circuit	Free-wheeling diode			

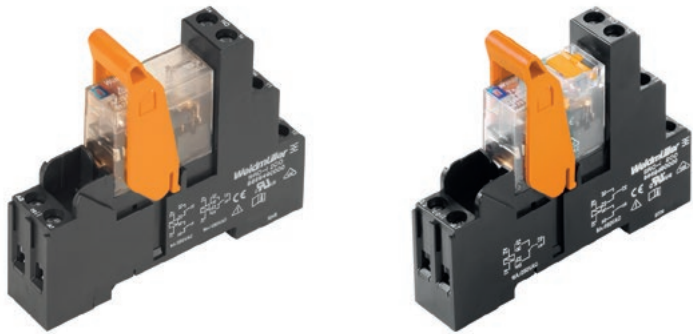
Ordering data

Relay with socket				
with test button	Type RCIKITP 24VDC 1CO LD/PB	Type RCIKITP 24VAC 1CO LD/PB	Type RCIKITP 115VAC 1CO LD/PB	Type RCIKITP 230VAC 1CO LD/PB
	Order No. 8897190000	Order No. 8897200000	Order No. 8897210000	Order No. 8897220000
without test button	Type RCIKITP 24VDC 1CO LD	Type RCIKITP 24VAC 1CO LD	Type RCIKITP 115VAC 1CO LD	Type RCIKITP 230VAC 1CO LD
	Order No. 8897110000	Order No. 8897120000	Order No. 8897130000	Order No. 8897140000

Note				
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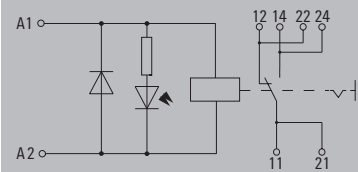
RCI KIT with screw connection
1 CO contact AC/DC coil

- Mounted kit consisting relay, socket and retaining clip
- 100 % function tested
- 100 % check of the dielectric strenght between input - output
- Optional test button with mechanical status indicator
- Bright status LED (AC coil: red / DC coil: green)
- Identification of coils (AC red / DC blue)

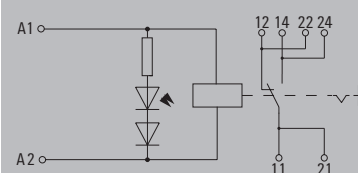


Circuit diagram

DC-Version



AC-Version

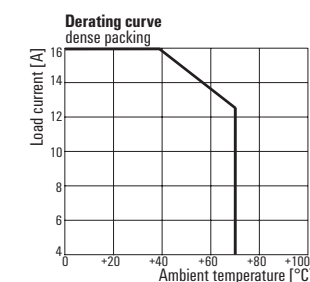
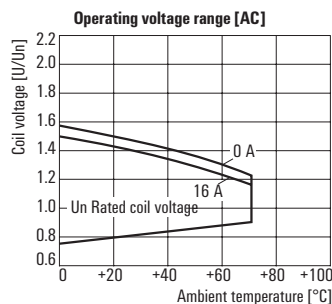
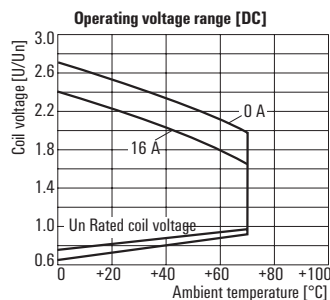
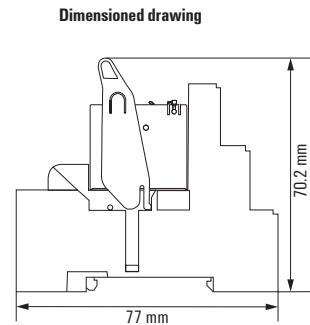
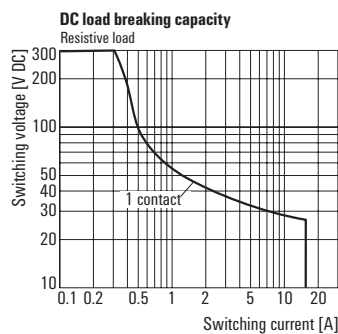
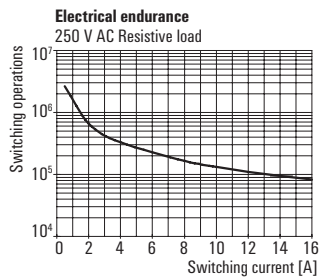


Technical data

Load side	
Rated switching voltage / Continuous current	250 V AC / 16 A ¹⁾
Max. switching voltage, AC	400 V
Inrush current	30 A / 4 s
Min. switching power	1 mA @ 24 V, 10 mA @ 12 V, 100 mA @ 5 V
Contact type	1 CO contact with test button (AgNi 90/10)
Mechanical service life	AC coil 5 x 10 ⁶ switch. cycles, DC coil 10 x 10 ⁶ switch. cycles
Max. switching frequency at rated load	0.1 Hz
General data	
Ambient temperature (operational)	-40 °C...70 °C
Storage temperature	-40 °C...70 °C
Humidity	40 °C / 93 % rel. humidity, no condensation
Approvals	CE; DNVGL; EAC; POLSKIREJ
Insulation coordinates	
Rated voltage	250 V
Impulse withstand voltage	5 kV (1.2/50 µs)
Dielectric strength, Input/Output	5 kV _{eff} / 1min
Dielectric strength of neighbouring contacts	
Dielectric strength to mounting rail	
Creepage and clearance distance input - output	≥ 8 mm
Overvoltage category	III
Pollution degree	2

Dimensions	Screw connection
Clamping range (nominal / min. / max.)	mm ² 2.5 / 1 / 2.5
Depth x width x height	mm 70.2 / 15.8 / 77
Note 1) For full continuous current (16 A), relay connections 11 - 21, 12 - 22 and 14 - 24 must be bridged. Further technical data can be found at catalog.weidmueller.com	

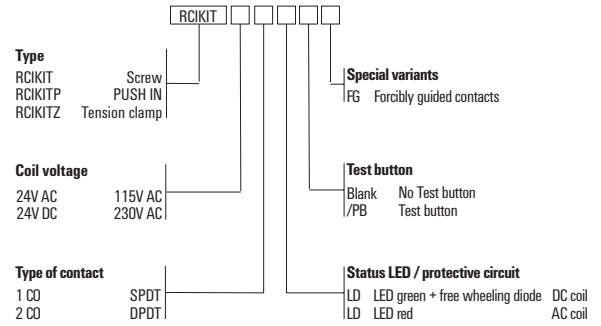
Applications



For full continuous current (16 A), socket connections 11-21, 12-22 and 14-24 must be bridged.

RCI KIT with screw connection

1 CO contact AC/DC coil



Ordering data

Control side	24 V DC 1CO	24 V AC 1CO	115 V AC 1CO	230 V AC 1CO
Rated control voltage	24 V DC	24 V AC	115 V AC	230 V AC
Rated current AC / DC	/ 16.7 mA	31.6 mA /	7 mA /	3.5 mA /
Power rating	420 mW	0.75 VA	0.8 VA	0.8 VA
Status indicator	Green LED	red LED	red LED	red LED
Protective circuit	Free-wheeling diode			

Ordering data				
Relay with socket				
with test button	Type	RCIKIT 24VDC 1CO LD/PB	RCIKIT 24VAC 1CO LD	RCIKIT 115VAC 1CO LD/PB
	Order No.	8881580000	8871010000	8897060000
without test button	Type	RCIKIT 24VDC 1CO LD	RCIKIT 24VAC 1CO LD/PB	RCIKIT 115VAC 1CO LD
	Order No.	8871000000	8881590000	8897090000

Note				
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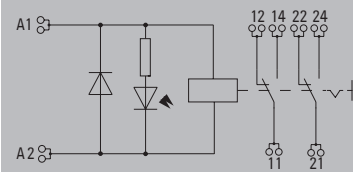
RCI-KITP with PUSH IN connection
2 CO contacts AC/DC coil

- Mounted kit consisting relay, socket and retaining clip
- 100 % function tested
- 100 % check of the dielectric strenght between input - output
- Optional test button with mechanical status indicator
- Bright status LED (AC coil: red / DC coil: green)
- Identification of coils (AC red / DC blue)

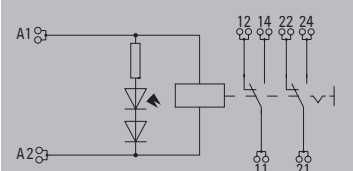


Circuit diagram

DC-Version



AC-Version

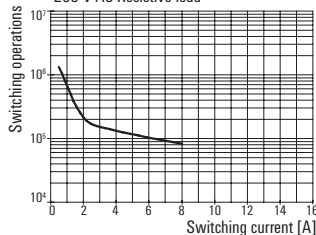


Technical data

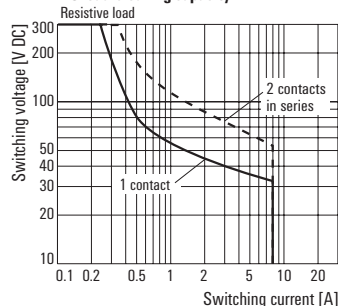
Load side	
Rated switching voltage / Continuous current	250 V AC / 8 A
Max. switching voltage, AC	400 V
Inrush current	15 A / 4 s
Min. switching power	1 mA @ 24 V, 10 mA @ 12 V, 100 mA @ 5 V
Contact type	2 CO contact with test button (AgNi 90/10)
Mechanical service life	AC coil 5 x 10 ⁶ switch. cycles, DC coil 10 x 10 ⁶ switch. cycles
Max. switching frequency at rated load	0.1 Hz
General data	
Ambient temperature (operational)	-40 °C...70 °C
Storage temperature	-40 °C...70 °C
Humidity	40 °C / 93 % rel. humidity, no condensation
Approvals	CE; DNVGL; EAC
Insulation coordinates	
Rated voltage	250 V
Impulse withstand voltage	5 kV (1.2/50 µs)
Dielectric strength, Input/Output	5 kV _{eff} / 1 min
Dielectric strength of neighbouring contacts	2.5 kV _{eff} / 1 Min.
Dielectric strength to mounting rail	
Creepage and clearance distance input - output	≥ 8 mm
Overvoltage category	III
Pollution degree	2
Dimensions	
Clamping range (nominal / min. / max.)	mm ² 1.5 / 0.75 / 1.5
Depth x width x height	mm 69.6 / 15.8 / 98
Note	
Further technical data can be found at catalog.weidmueller.com	

Applications

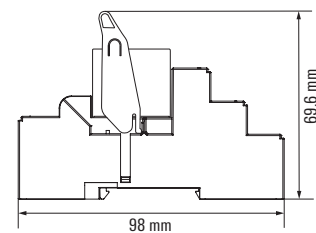
Electrical endurance
250 V AC Resistive load



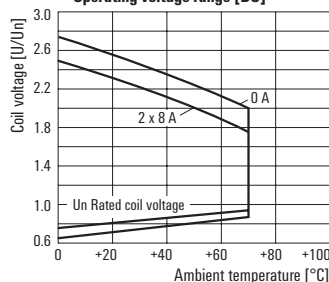
DC load breaking capacity



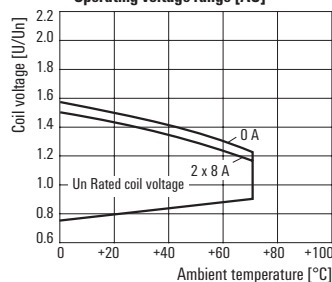
Dimensioned drawing



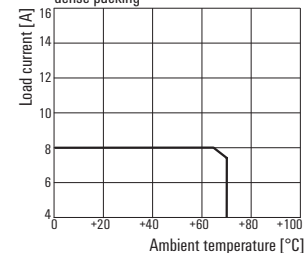
Operating voltage range [DC]



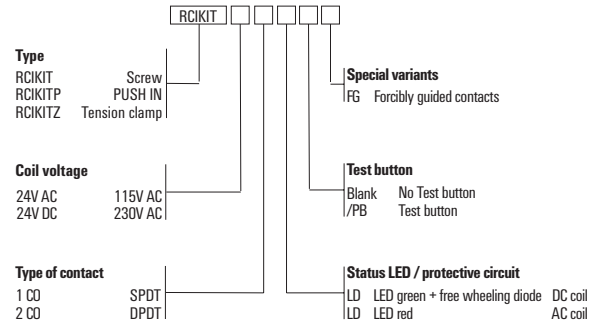
Operating voltage range [AC]



Derating curve
dense packing



RCI-KITP with PUSH IN connection 2 CO contacts AC/DC coil



Ordering data

Control side	24 V DC 2CO	24 V AC 2CO	115 V AC 2CO	230 V AC 2CO
Rated control voltage	24 V DC	24 V AC	115 V AC	230 V AC
Rated current AC / DC	/ 16.7 mA	31.6 mA /	7 mA /	3.5 mA /
Power rating	420 mW	0.75 VA	0.8 VA	0.8 VA
Status indicator	Green LED	red LED	red LED	red LED
Protective circuit	Free-wheeling diode			

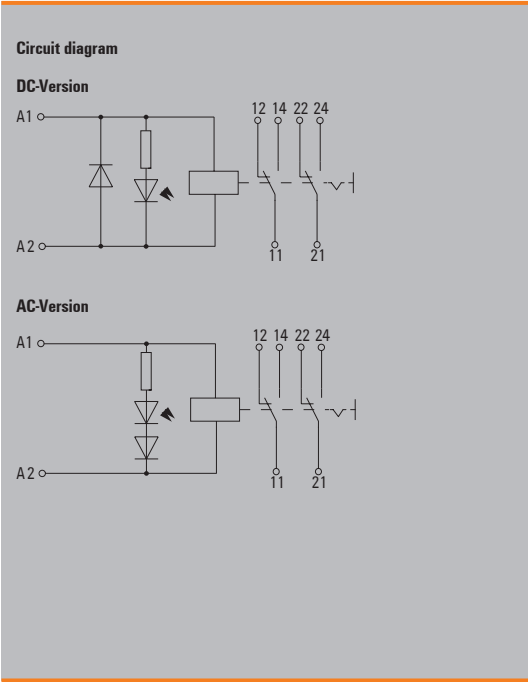
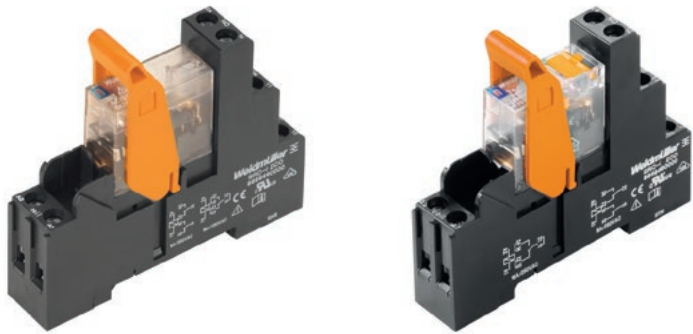
Ordering data

Relay with socket					
with test button	Type	RCIKITP 24VDC 2CO LD/PB	RCIKITP 24VAC 2CO LD/PB	RCIKITP115VAC 2CO LD/PB	RCIKITP230VAC 2CO LD/PB
	Order No.	8897230000	8897240000	8897250000	8897260000
without test button	Type	RCIKITP 24VDC 2CO LD	RCIKITP 24VAC 2CO LD	RCIKITP 115VAC 2CO LD	RCIKITP 230VAC 2CO LD
	Order No.	8897150000	8897160000	8897170000	8897180000

Note				
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RCI KIT with screw connection
2 CO contacts AC/DC coil

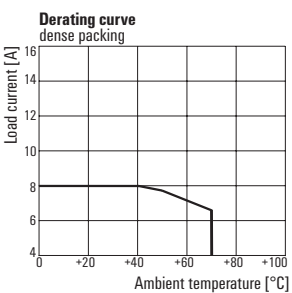
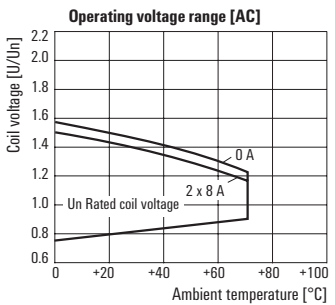
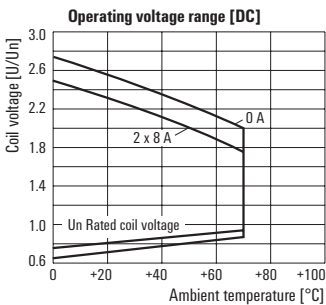
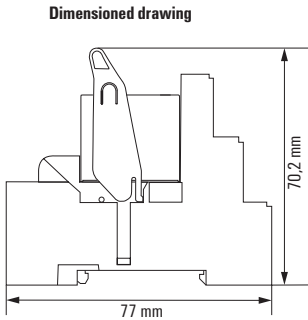
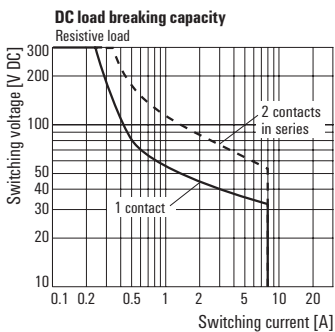
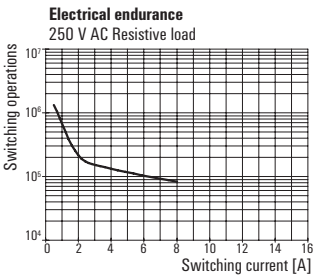
- Mounted kit consisting relay, socket and retaining clip
- 100 % function tested
- 100 % check of the dielectric strenght between input - output
- Optional test button with mechanical status indicator
- Bright status LED (AC coil: red / DC coil: green)
- Identification of coils (AC red / DC blue)



Technical data

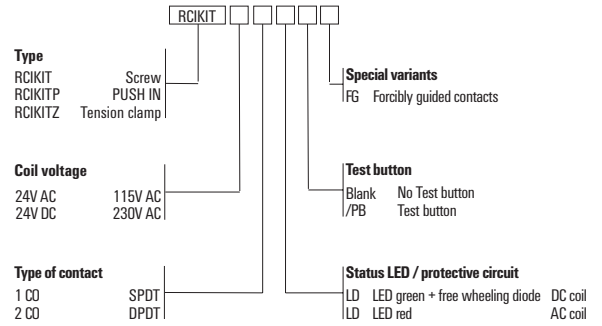
Load side	
Rated switching voltage / Continuous current	250 V AC / 8 A
Max. switching voltage, AC	400 V
Inrush current	15 A / 4 s
Min. switching power	1 mA @ 24 V, 10 mA @ 12 V, 100 mA @ 5 V
Contact type	2 CO contact with test button (AgNi 90/10)
Mechanical service life	AC coil 5 x 10 ⁶ switch. cycles, DC coil 10 x 10 ⁶ switch. cycles
Max. switching frequency at rated load	0.1 Hz
General data	
Ambient temperature (operational)	-40 °C...70 °C
Storage temperature	-40 °C...70 °C
Humidity	40 °C / 93 % rel. humidity, no condensation
Approvals	CE; DNVGL; EAC
Insulation coordinates	
Rated voltage	250 V
Impulse withstand voltage	5 kV (1.2/50 µs)
Dielectric strength, Input/Output	5 kV _{eff} / 1min
Dielectric strength of neighbouring contacts	2.5 kV _{eff} / 1 Min.
Dielectric strength to mounting rail	
Creepage and clearance distance input - output	≥ 8 mm
Overvoltage category	III
Pollution degree	2
Dimensions	
Clamping range (nominal / min. / max.)	mm ² 2.5 / 1 / 2.5
Depth x width x height	mm 70.2 / 15.8 / 77
Note	
Further technical data can be found at catalog.weidmueller.com	

Applications



RCI KIT with screw connection

2 CO contacts AC/DC coil



Ordering data

Control side	24 V DC 2CO	24 V AC 2CO	115 V AC 2CO	230 V AC 2CO
Rated control voltage	24 V DC	24 V AC	115 V AC	230 V AC
Rated current AC / DC	/ 16.7 mA	31.6 mA /	7 mA /	3.5 mA /
Power rating	420 mW	0.75 VA	0.8 VA	0.8 VA
Status indicator	Green LED	red LED	red LED	red LED
Protective circuit	Free-wheeling diode			

Ordering data

Relay with socket				
with test button	Type RCIKIT 24VDC 2CO LD/PB	Type RCIKIT 24VAC 2CO LD/PB	Type RCIKIT 115VAC 2CO LD/PB	Type RCIKIT 230VAC 2CO LD/PB
	Order No. 8881610000	Order No. 8881620000	Order No. 8897080000	Order No. 8881630000
without test button	Type RCIKIT 24VDC 2CO LD	Type RCIKIT 24VAC 2CO LD	Type RCIKIT 115VAC 2CO LD	Type RCIKIT 230VAC 2CO LD
	Order No. 8871030000	Order No. 8871040000	Order No. 8897100000	Order No. 8871050000

Note				
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RIDERSERIES – relay modules

RCI relay

1 CO contact AC/DC coil

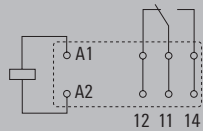
- Solid plug-in connections
- Optional: latching / spring return operable test button and mechanical status indicator (for version with test button)
- Optional: Bright status LED (AC coil: red / DC coil: green)
- Optional: free-wheeling diode
- Identification of coils (AC red / DC blue)



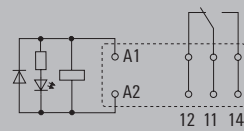
Circuit diagram

View on pins from below

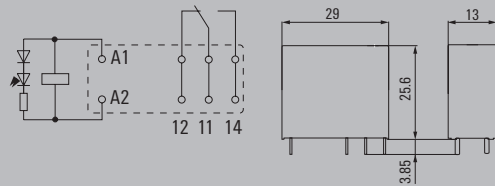
AC- and DC coil



DC coil LED + Diode



AC coil LED



Technical data

Load side

Rated switching voltage / Continuous current	240 V AC / 16 A
Max. switching voltage, AC	400 V
Inrush current	30 A / 4 s
Min. switching power	1 mA @ 24 V, 10 mA @ 12 V, 100 mA @ 5 V
Contact type	1 CO contact (AgNi 90/10)
Mechanical service life	AC coil 5 x 10 ⁶ switch. cycles, DC coil 10 x 10 ⁶ switch. cycles
Max. switching frequency at rated load	0.1 Hz

General data

Ambient temperature (operational)	-40 °C...70 °C
Storage temperature	-40 °C...85 °C
Humidity	40 °C / 93 % rel. humidity, no condensation
Approvals	CE; CSA; cURus; EAC; VDE

Insulation coordinates

Rated voltage	250 V
Impulse withstand voltage	5 kV (1.2/50 µs)
Dielectric strength, Input/Output	5 kV _{eff} / 1min
Dielectric strength of neighbouring contacts	
Dielectric strength to mounting rail	
Creepage and clearance distance input - output	≥ 8 mm
Overvoltage category	III
Pollution degree	2

Dimensions

Clamping range (nominal / min. / max.)	/ /
Depth x width x height	mm 25.6 / 13 / 29

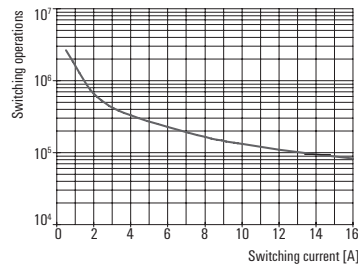
Note

Depth = 25.6 mm without test button / 26.7 mm with test button
Further technical data can be found at catalog.weidmueller.com

Applications

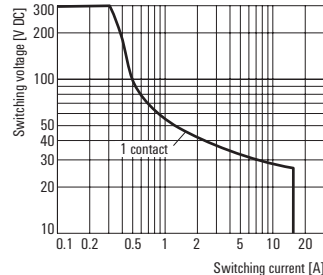
Electrical endurance

250 V AC Resistive load

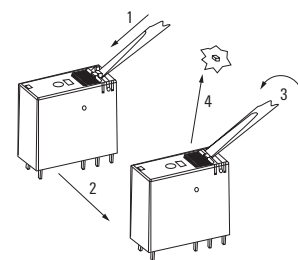


DC load breaking capacity

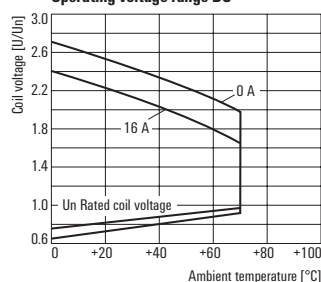
Resistive load



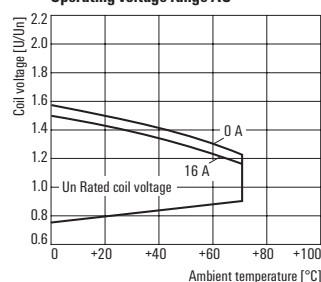
Removal of snap lock



Operating voltage range DC

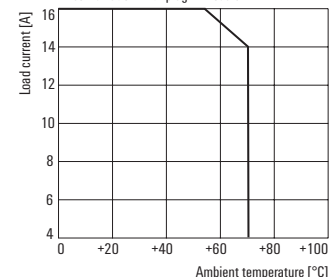


Operating voltage range AC



Derating curve

in combination with plug-in module



RCI relay

1 CO contact AC/DC coil

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				

Ordering data

Control side		12 V DC 1CO	24 V DC 1CO	48 V DC 1CO	110 V DC 1CO
Rated control voltage		12 V DC	24 V DC	48 V DC	110 V DC
Rated current AC / DC		/ 33.3 mA	/ 16.7 mA	/ 8.7 mA	/ 4.1 mA
Power rating		400 mW	400 mW	400 mW	400 mW
Ordering data					
Standard	Type	RCI314012	RCI314024	RCI314048	RCI314110
	Order No.	8869800000	8869810000	8869820000	8869830000
with test button	Type	RCI374012	RCI374024		
	Order No.	8869950000	8869960000		
with LED + free-wheeling diode	Type	RCI314AB2	RCI314AC4	RCI314AE8	RCI314BB0
	Order No.	8870090000	8870100000	8870110000	8870120000
with test button + LED	Type	RCI374AB2	RCI374AC4	RCI374AE8	RCI374BB0
+ Free-wheel diode	Order No.	8870240000	8870250000	8870260000	8870270000

Note

Ordering data

Control side		24 V AC 1CO	115 V AC 1CO	230 V AC 1CO
Rated control voltage		24 V AC	115 V AC	230 V AC
Rated current AC / DC		31.6 mA /	6.6 mA /	3.2 mA /
Power rating		0.75 VA	0.75 VA	0.75 VA
Ordering data				
Standard	Type	RCI314524	RCI314615	RCI314730
	Order No.	8869840000	8869850000	8869860000
with test button	Type	RCI374524		RCI374730
	Order No.	8869990000		8870010000
with LED	Type	RCI314R24	RCI314S15	RCI314T30
	Order No.	8870130000	8870140000	8870150000
with test button + LED	Type	RCI374R24	RCI374S15	RCI374T30
	Order No.	8870280000	8870290000	8870300000

Note

RIDERSERIES – relay modules

RCI relay

2 CO contact AC / DC coil

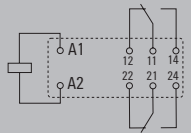
- Solid plug-in connections
- Optional: latching / spring return operable test button and mechanical status indicator (for version with test button)
- Optional: Bright status LED (AC coil: red / DC coil: green)
- Optional: free-wheeling diode
- Identification of coils (AC red / DC blue)



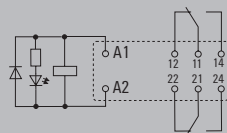
Circuit diagram

View on pins from below

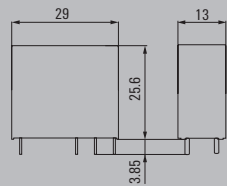
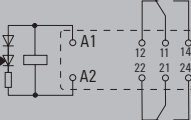
AC- and DC coil



DC coil LED + Diode



AC coil LED

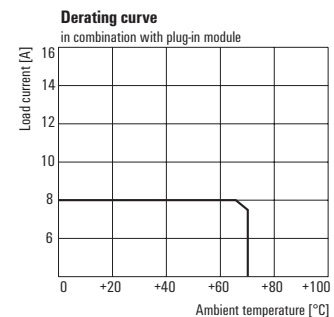
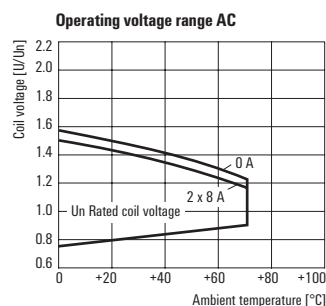
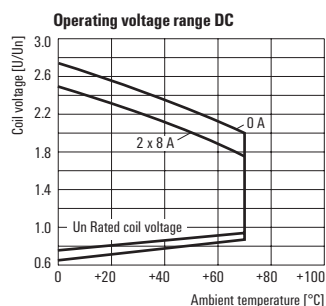
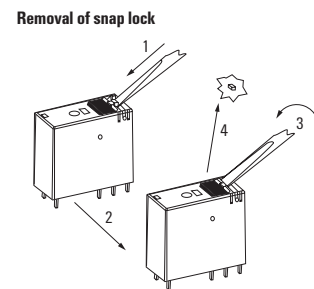
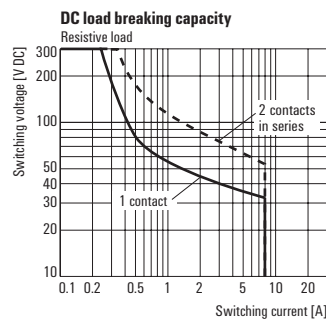
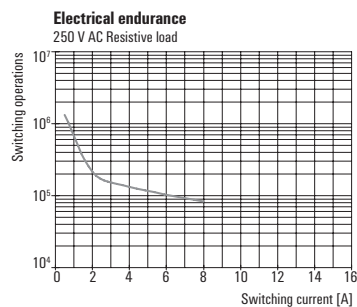


Technical data

Load side	
Rated switching voltage / Continuous current	240 V AC / 8 A
Max. switching voltage, AC	400 V
Inrush current	15 A / 4 s
Min. switching power	1 mA @ 24 V, 10 mA @ 12 V, 100 mA @ 5 V
Contact type	2 CO contact (AgNi 90/10)
Mechanical service life	AC coil 5 x 10 ⁶ switch. cycles, DC coil 10 x 10 ⁶ switch. cycles
Max. switching frequency at rated load	0.1 Hz
General data	
Ambient temperature (operational)	-40 °C...70 °C
Storage temperature	-40 °C...85 °C
Humidity	40 °C / 93 % rel. humidity, no condensation
Approvals	CE; CSA; cURus; EAC; VDE
Insulation coordinates	
Rated voltage	250 V
Impulse withstand voltage	5 kV (1.2/50 µs)
Dielectric strength, Input/Output	5 kV _{eff} / 1min
Dielectric strength of neighbouring contacts	2.5 kV _{eff} / 1 Min.
Dielectric strength to mounting rail	
Creepage and clearance distance input - output	≥ 8 mm
Overvoltage category	III
Pollution degree	2

Dimensions	Plug-in connection
Clamping range (nominal / min. / max.)	/ /
Depth x width x height	mm 25.6 / 13 / 29
Note	
Depth = 25.6 mm without test button / 26.7 mm with test button Further technical data can be found at catalog.weidmueller.com	

Applications



RCI relay

2 CO contact AC / DC coil

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				

Ordering data

Control side		12 V DC 2CO	24 V DC 2CO	48 V DC 2CO	110 V DC 2CO
Rated control voltage		12 V DC	24 V DC	48 V DC	110 V DC
Rated current AC / DC		/ 33.3 mA	/ 16.7 mA	/ 8.7 mA	/ 4.1 mA
Power rating		400 mW	400 mW	400 mW	400 mW
Ordering data					
Standard	Type	RCI424012	RCI424024	RCI424048	RCI424110
	Order No.	8869870000	8869890000	8869900000	8869910000
with test button	Type	RCI484012	RCI484024	RCI484048	RCI484110
	Order No.	8870020000	8870030000	8870040000	8870050000
with LED + free-wheeling diode	Type	RCI424AB2	RCI424AC4	RCI424AE8	RCI424BB0
	Order No.	8870170000	8870180000	8870190000	8870200000
with test button + LED	Type	RCI484AB2	RCI484AC4	RCI484AE8	RCI484BB0
+ Free-wheel diode	Order No.	8870310000	8870320000	8870330000	8870340000

Note

Ordering data

Control side		24 V AC 2CO	115 V AC 2CO	230 V AC 2CO
Rated control voltage		24 V AC	115 V AC	230 V AC
Rated current AC / DC		31.6 mA /	6.6 mA /	3.2 mA /
Power rating		0.75 VA	0.75 VA	0.75 VA
Ordering data				
Standard	Type	RCI424524	RCI424615	RCI424730
	Order No.	8869920000	8869930000	8869940000
with test button	Type	RCI484524	RCI484615	RCI484730
	Order No.	8870060000	8870070000	8870080000
with LED	Type	RCI424R24	RCI424S15	RCI424T30
	Order No.	8870210000	8870220000	8870230000
with test button + LED	Type	RCI484R24	RCI484S15	RCI484T30
	Order No.	8870350000	8870360000	8870370000

Note

RIDERSERIES – relay modules

Accessories for RCI relays

1 CO contact and 2 CO contacts

- Tool-free unlocking of the terminal rail
- Wide assortment of functional modules

Technical data

Load side	
Rated switching voltage	250 V AC
Max. switching voltage, AC	400 V
Continuous current	12 A, 16 A ¹⁾
General data	
Ambient temperature (operational)	-40 °C...70 °C
Storage temperature	-40 °C...70 °C
Approvals	CE; CSA; cURus
Insulation coordinates	
Protection degree	IP20
Creepage and clearance distance input – output	≥ 10 mm
Dielectric strength, Input/Output	5 kV _{eff} / 1 min
Dielectric strength of neighbouring contacts	2.5 kV _{eff} / 1 Min.
Impulse withstand voltage	
Connection data	
Clamping range (nominal / min. / max.)	2.5 / 1 / 2.5 mm ²
Tightening torque	0.5...0.7 Nm
Stripping length, rated connection	8 mm
Note	
1) For full continuous current (16 A), relay connections 11 - 21, 12 - 22 and 14 - 24 must be bridged. Further technical data can be found at catalog.weidmueller.com	

Ordering data

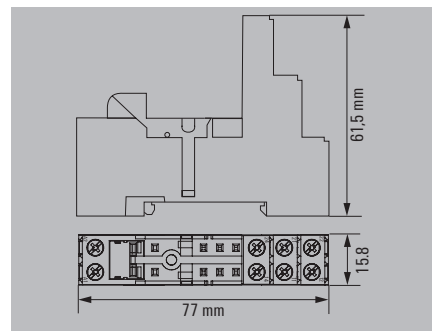
Type	Qty.	Order No.
SRC-I 2CO	10	8869490000
Note		
Base, rail-mountable		

Accessories

Cross-connector	
Retaining clip	
	Plastic retaining clip
	Metal retaining clip
Marking tags	
	Label, not PrintJet compatible, no MultiCard
	white
LED module / protection modules	
	Free-wheeling diode 6 - 230 V DC
	Load resistance 110 - 230 V UC
	LED 6 - 24 V DC green and freewheeling diode
	LED 24 - 60 V DC green and free-wheeling diode
	LED 110 - 230 V DC green and free-wheeling diode
	LED 6 - 24 V UC green
	LED 24 - 60 V UC green
	LED 110 - 230 V UC green
	RC element 110 - 230 V AC; 4.7 kΩ / 10 nF
	RC element 230 V UC; 1.1 kΩ / 200 nF
	Protective varistor; S07K30
	Protective varistor; S07K130
	Protective varistor; S07K275
Screwdriver	

Note

Standard-height socket module with clamping yoke connection, 2 CO contacts



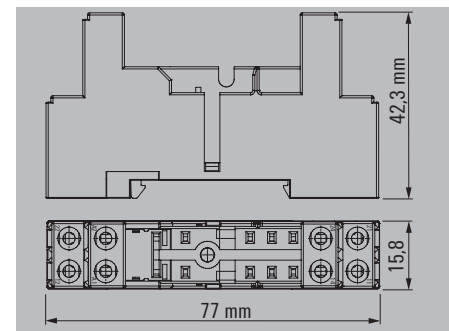
Load side	
Rated switching voltage	250 V AC
Max. switching voltage, AC	400 V
Continuous current	12 A, 16 A ¹⁾
General data	
Ambient temperature (operational)	-40 °C...70 °C
Storage temperature	-40 °C...70 °C
Approvals	CE; CSA; cURus
Insulation coordinates	
Protection degree	IP20
Creepage and clearance distance input – output	≥ 10 mm
Dielectric strength, Input/Output	5 kV _{eff} / 1 min
Dielectric strength of neighbouring contacts	2.5 kV _{eff} / 1 Min.
Impulse withstand voltage	
Connection data	
Clamping range (nominal / min. / max.)	2.5 / 1 / 2.5 mm ²
Tightening torque	0.5...0.7 Nm
Stripping length, rated connection	8 mm
Note	
1) For full continuous current (16 A), relay connections 11 - 21, 12 - 22 and 14 - 24 must be bridged. Further technical data can be found at catalog.weidmueller.com	

Type	Qty.	Order No.
SRC-I 2CO	10	8869490000
Note		

Type	Qty.	Order No.
SRC-I QV S	10	1132070000
Retaining clip		
SRC-I CLIP HP	10	8869510000
SRC-I CLIP HM RCI	20	1132090000
Marking tags		
SRC-I MARK	10	8869530000
ESG 6/15 SRC-I MC NE WS	200	2558350000
LED module / protection modules		
RIM-I 1 6/230V	10	8869580000
RIM-I 1 R 110/230V	10	8870830000
RIM-I 2 6/24VDC GN	10	8869600000
RIM-I 2 24/60VDC GN	10	8869680000
RIM-I 2 110/230VDC GN	10	8869700000
RIM-I 3 6/24VUC GN	10	8869640000
RIM-I 3 24/60VUC GN	10	8869620000
RIM-I 3 110/230VUC GN	10	8869660000
RIM-I 3 110/230VAC RC	10	8869790000
RIM-I 3 230VAC RC	10	1172210000
RIM-I 4 24VUC VAR	10	8869710000
RIM-I 4 110VUC VAR	10	8869730000
RIM-I 4 230VUC VAR	10	8869750000
Screwdriver		
SDIK PZ1 SL	1	1274730000
SDIK PZ1	1	9008900000
SDK PZ1	1	9008530000

Note
Article numbers for LED modules with red LED are to be found at catalog.weidmueller.com

Low-height socket module with clamping yoke connection, 2 CO contacts



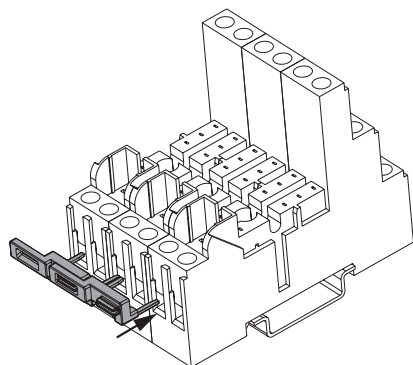
Load side	
Rated switching voltage	250 V AC
Max. switching voltage, AC	400 V
Continuous current	12 A, 16 A ¹⁾
General data	
Ambient temperature (operational)	-40 °C...70 °C
Storage temperature	-40 °C...70 °C
Approvals	CE; CSA; cURus
Insulation coordinates	
Protection degree	IP20
Creepage and clearance distance input – output	≥ 4 mm
Dielectric strength, Input/Output	4 kV _{eff} / 1 min
Dielectric strength of neighbouring contacts	2.5 kV _{eff} / 1 Min.
Impulse withstand voltage	
Connection data	
Clamping range (nominal / min. / max.)	2.5 / 1 / 2.5 mm ²
Tightening torque	0.5...0.7 Nm
Stripping length, rated connection	8 mm
Note	
1) For full continuous current (16 A), relay connections 11 - 21, 12 - 22 and 14 - 24 must be bridged. Further technical data can be found at catalog.weidmueller.com	

Type	Qty.	Order No.
SRC-I 2CO N	10	8869480000
Note		

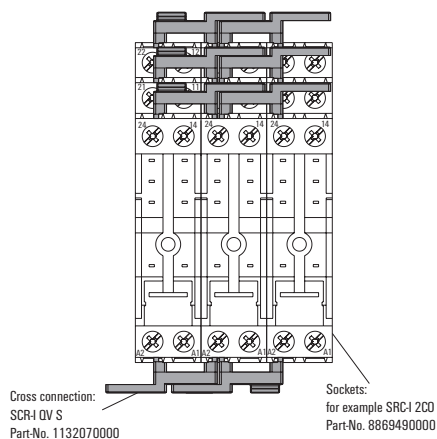
Type	Qty.	Order No.
SRC-I QV S	10	1132070000
Retaining clip		
SRC-I CLIP HP	10	8869510000
SRC-I CLIP HM RCI	20	1132090000
Marking tags		
SRC-I MARK	10	8869530000
ESG 6/15 SRC-I MC NE WS	200	2558350000
LED module / protection modules		
RIM-I 1 6/230V	10	8869580000
RIM-I 1 R 110/230V	10	8870830000
RIM-I 2 6/24VDC GN	10	8869600000
RIM-I 2 24/60VDC GN	10	8869680000
RIM-I 2 110/230VDC GN	10	8869700000
RIM-I 3 6/24VUC GN	10	8869640000
RIM-I 3 24/60VUC GN	10	8869620000
RIM-I 3 110/230VUC GN	10	8869660000
RIM-I 3 110/230VAC RC	10	8869790000
RIM-I 3 230VAC RC	10	1172210000
RIM-I 4 24VUC VAR	10	8869710000
RIM-I 4 110VUC VAR	10	8869730000
RIM-I 4 230VUC VAR	10	8869750000
Screwdriver		
SDIK PZ1 SL	1	1274730000
SDIK PZ1	1	9008900000
SDK PZ1	1	9008530000

Note
Article numbers for LED modules with red LED are to be found at catalog.weidmueller.com

Installation of the cross-connection on the relay socket



Plug the cross connection into wire-connection opening and fix it with tighten the screw



RIDERSERIES – relay modules

Accessories for RCI relays

1 CO contact and 2 CO contacts

- Tool-free unlocking of the terminal rail
- Wide assortment of functional modules

Technical data

Load side
Rated switching voltage
Max. switching voltage, AC
Continuous current
General data
Ambient temperature (operational)
Storage temperature
Approvals
Insulation coordinates
Protection degree
Creepage and clearance distance input – output
Dielectric strength, Input/Output
Dielectric strength of neighbouring contacts
Impulse withstand voltage
Connection data
Clamping range (nominal / min. / max.)
Tightening torque
Stripping length, rated connection
Note

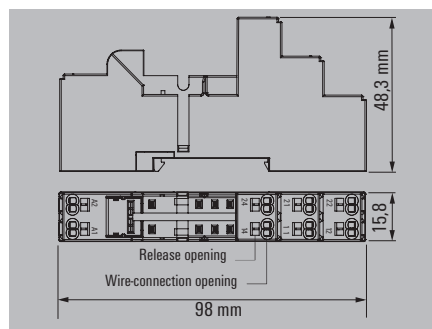
Ordering data

	Base, rail-mountable
Note	

Accessories

Plug-in cross-connection
2-pole
Retaining clip
Plastic retaining clip
Metal retaining clip
Marking tags
Label, not PrintJet compatible, no MultiCard
white
LED module / protection modules
Free-wheeling diode 6 - 230 V DC
Load resistance 110 - 230 V UC
LED 6 - 24 V DC green and freewheeling diode
LED 24 - 60 V DC green and free-wheeling diode
LED 110 - 230 V DC green and free-wheeling diode
LED 6 - 24 V UC green
LED 24 - 60 V UC green
LED 110 - 230 V UC green
RC element 6 - 60 V UC; 470 Ω / 220 nF
RC element 110 - 230 V AC; 4.7 kΩ / 10 nF
RC element 230 V UC; 1.1 kΩ / 200 nF
Protective varistor; S07K30
Protective varistor; S07K130
Protective varistor; S07K275
Screwdriver
Standard

Note

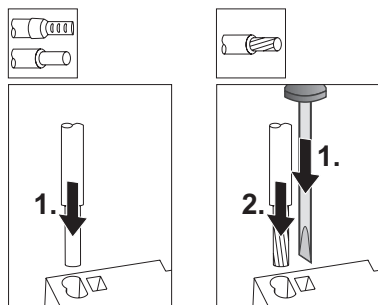
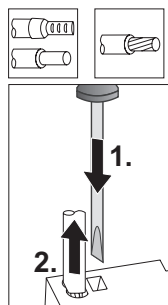
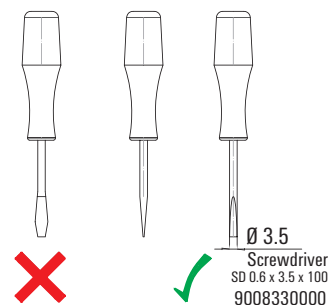
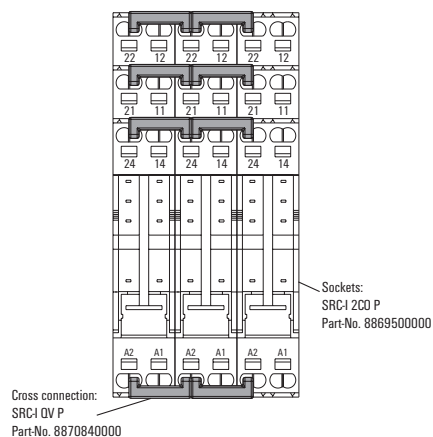
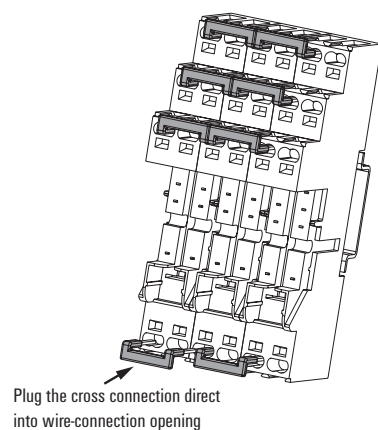
Socket module with
PUSH IN connection, 2 CO contacts

250 V AC
400 V
12 A, 16 A ¹⁾
-40 °C...70 °C
-40 °C...70 °C
CE; CSA; cURus
IP20
≥ 10 mm
5 kV _{eff} / 1 min
2.5 kV _{eff} / 1 Min.
1.5 / 0.75 / 1.5 mm ²
...
12 mm
1) For full continuous current (16 A), relay connections 11 - 21, 12 - 22 and 14 - 24 must be bridged. Further technical data can be found at catalog.weidmueller.com

Type	Qty.	Order No.
SRC-I 2CO P	10	8869500000

Type	Qty.	Order No.
SRC-I QV P	10	8870840000
SRC-I CLIP HP	10	8869510000
SRC-I CLIP HM RCI	20	1132090000
SRC-I MARK	10	8869530000
ESG 6/15 SRC-I MC NE WS	200	2558350000
RIM-I 1 6/230V	10	8869580000
RIM-I 1 R 110/230V	10	8870830000
RIM-I 2 6/24VDC GN	10	8869600000
RIM-I 2 24/60VDC GN	10	8869680000
RIM-I 2 110/230VDC GN	10	8869700000
RIM-I 3 6/24VUC GN	10	8869640000
RIM-I 3 24/60VUC GN	10	8869620000
RIM-I 3 110/230VUC GN	10	8869660000
RIM-I 3 6/60VAC RC	10	8869770000
RIM-I 3 110/230VAC RC	10	8869790000
RIM-I 3 230VAC RC	10	1172210000
RIM-I 4 24VUC VAR	10	8869710000
RIM-I 4 110VUC VAR	10	8869730000
RIM-I 4 230VUC VAR	10	8869750000
SDIS SL 0.6X3.5X100	1	1274660000

Article numbers for LED modules with red LED are to be found at catalog.weidmueller.com

PUSH IN connection operation**Insert connector****Remove connector****Recommended screwdriver****Installation of the cross-connection on the relay socket**

If more than 2 poles are connected with stacked cross-connection ridges, then the bottom ridges must be stripped to the appropriate length and shortened for correct fitting.