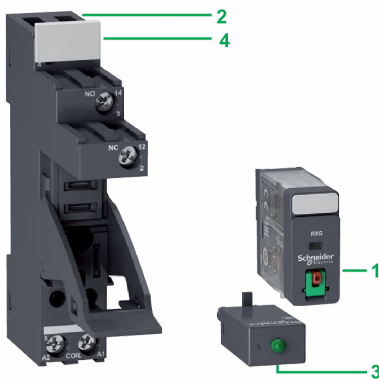


RXG interface relays

Presentation and description



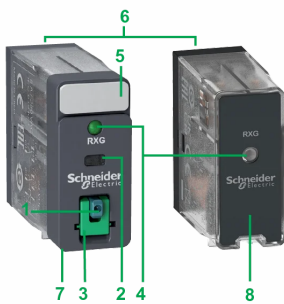
Presentation of the range

RXG relays are interface plug-in relays with Faston pins for better reliability and robust installation. They are used in PLC applications.

The RXG interface relay range comprises:

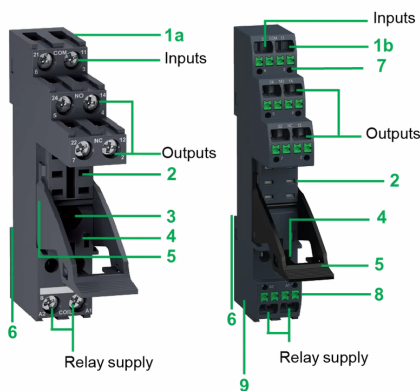
- 1 10 A relays with 1 CO contact and 5 A relays with 2 CO contacts
- 2 Sockets with separate or mixed contact terminals, built-in plastic maintaining clamp
- 3 Protection modules (diode, diode + LED, RC circuit, or varistor + LED) for RXG separate sockets
- 4 Clip-in legends for RXG separate sockets

These relays are available in both pre-assembled (single reference) and customer assembled offers.



Relay description

- 1 Push button for testing the contacts (blue: DC, red: AC)
- 2 Mechanical "relay status" indicator
- 3 Removable lock-down door enabling forced maintaining of the contacts for test sequences or maintenance purposes
- 4 LED (depending on version) indicating the relay status
- 5 Removable legend for relay identification
- 6 5 or 8 Faston type pins
- 7 Standard cover-type relay with pushbutton, mechanical indicator, and LED options
- 8 Basic cover-type relay with LED option



Socket description

Sockets with separate contact terminals (1)

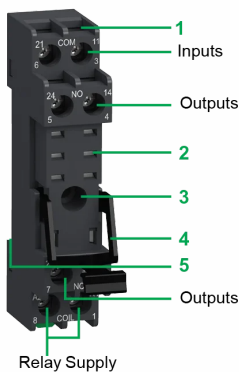
- 1 Connection by screw connector
- 1b Connection by push-in terminal
- 2 5 or 8 female contacts for the relay pins
- 3 Hole for panel mounting
- 4 Location for protection modules
- 5 Built-in plastic maintaining clamp for locking components
- 6 Locating slot for mounting on DIN rail
- 7 Test point
- 8 Push button to release wire
- 9 Location for bus jumpers

Sockets with mixed contact terminals (2)

- 1 Connection by screw clamp
- 2 5 or 8 female contacts for the relay pins
- 3 Hole for panel mounting
- 4 Built-in plastic maintaining clamp for locking components
- 5 Locating slot for mounting on DIN rail

(1) The inputs and outputs are separate from the relay supply.

(2) The outputs NC are mixed with the relay supply, with the outputs NO and inputs being located on the opposite side of the socket.



E



RXG22BDPV



RXG12P7PVP

Pre-assembled interface relays

Relays mounted on screw connector separate terminal sockets with integrated clamp and protection module (sold in lots of 30)

Control circuit voltage V	Pre-assembled unit reference		Components in pre-assembled unit reference			Weight g/lb
	1 CO - 10A	2 CO - 5A	Relay	Socket (with RGZR215 clamp)	Protection module (with LED)	
Relays with lockable test button and LED						
24 𐀀	RXG12BDPV		RXG12BD	RGZE1S35M	RZM031RB	59/0.130
24 𐀁	RXG12B7PV		RXG12B7	RGZE1S35M	RZM021RB	59/0.130
230 𐀁	RXG12P7PV		RXG12P7	RGZE1S35M	RZM021FP	59/0.130
24 𐀀		RXG22BDPV	RXG22BD	RGZE1S48M	RZM031RB	66/0.145
24 𐀁		RXG22B7PV	RXG22B7	RGZE1S48M	RZM021RB	67/0.148
230 𐀁		RXG22P7PV	RXG22P7	RGZE1S48M	RZM021FP	67/0.148
Relays with LED						
24 𐀀	RXG13BDPV		RXG13BD	RGZE1S35M	RZM031RB	58/0.129
230 𐀁	RXG13P7PV		RXG13P7	RGZE1S35M	RZM021FP	59/0.130
24 𐀀		RXG23BDPV	RXG23BD	RGZE1S48M	RZM031RB	66/0.145
230 𐀁		RXG23P7PV	RXG23P7	RGZE1S48M	RZM021FP	67/0.148
Relays with lockable test button and without LED						
24 𐀀		RXG21BDPV	RXG21BD	RGZE1S48M	RZM031RB	67/0.148
24 𐀁		RXG21B7PV	RXG21B7	RGZE1S48M	RZM021RB	67/0.148
230 𐀁		RXG21P7PV	RXG21P7	RGZE1S48M	RZM021FP	67/0.148

Relays mounted on push-in separate terminal sockets with integrated clamp (sold in lots of 10)

Control circuit voltage V	Pre-assembled unit reference		Components in pre-assembled unit reference		Weight g/lb
	1 CO - 10A	2 CO - 5A	Relay	Socket (with RGZR215 clamp)	
Relays with lockable test button and LED					
24 𐀀	RXG12BDPVP		RXG12BD	RGZE05P	59/0.130
24 𐀁	RXG12B7PVP		RXG12B7	RGZE05P	59/0.130
230 𐀁	RXG12P7PVP		RXG12P7	RGZE05P	59/0.130
24 𐀀		RXG22BDPVP	RXG22BD	RGZE08P	62/0.137
24 𐀁		RXG22B7PVP	RXG22B7	RGZE08P	62/0.137
230 𐀁		RXG22P7PVP	RXG22P7	RGZE08P	62/0.137
Relays with LED					
24 𐀀	RXG13BDPVP		RXG13BD	RGZE05P	59/0.130
230 𐀁	RXG13P7PVP		RXG13P7	RGZE05P	59/0.130
24 𐀀		RXG23BDPVP	RXG23BD	RGZE08P	62/0.137
230 𐀁		RXG23P7PVP	RXG23P7	RGZE08P	62/0.137
Relays with lockable test button and without LED					
24 𐀀		RXG21BDPVP	RXG21BD	RGZE08P	62/0.137
24 𐀁		RXG21B7PVP	RXG21B7	RGZE08P	62/0.137
230 𐀁		RXG21P7PVP	RXG21P7	RGZE08P	62/0.137

RXG interface relays

References



RXG11BD



RXG22B7



RXG13BD



RXG26BD



RXG18P7

Interface relays for customer assembly				
Control circuit voltage V	Sold in lots of	Number and type of contacts - Thermal current (Ith)		
		1 CO - 10 A	2 CO - 5 A	Weight g/lb
		Unit reference	Unit reference	
Standard cover relays with lockable test button				
6 ---	10	—	RXG21RD	20/0.044
12 ---	10	—	RXG21JD	20/0.044
24 ---	10	RXG11BD	RXG21BD	20/0.044
24 ~	10	RXG11B7	RXG21B7	20/0.044
48 ~	10	—	RXG21E7	20/0.044
120 ~	10	RXG11F7	RXG21F7	20/0.044
230 ~	10	RXG11P7	RXG21P7	20/0.044
Standard cover relays with lockable test button and LED				
6 ---	10	RXG12RD	—	20/0.044
12 ---	10	RXG12JD	RXG22JD	20/0.044
24 ---	10	RXG12BD	RXG22BD	20/0.044
48 ---	10	RXG12ED	RXG22ED	20/0.044
110 ---	10	RXG12FD	RXG22FD	20/0.044
24 ~	10	RXG12B7	RXG22B7	20/0.044
48 ~	10	RXG12E7	RXG22E7	20/0.044
120 ~	10	RXG12F7	RXG22F7	20/0.044
220 ~	10	—	RXG22M7	20/0.044
230 ~	10	RXG12P7	RXG22P7	20/0.044
Standard cover relays with LED				
12 ---	10	RXG13JD	—	20/0.044
24 ---	10	RXG13BD	RXG23BD	20/0.044
24 ~	10	RXG13B7	RXG23B7	20/0.044
48 ~	10	—	RXG23E7	20/0.044
120 ~	10	RXG13F7	RXG23F7	20/0.044
220 ~	10	—	RXG23M7	20/0.044
230 ~	10	RXG13P7	RXG23P7	20/0.044
Basic cover relays with LED				
24 ---	10	RXG16BD	RXG26BD	19/0.042
230 ~	10	RXG16P7	RXG26P7	19/0.042
Basic cover relays without LED				
24 ---	10	RXG18BD	RXG28BD	19/0.042
230 ~	10	RXG18P7	RXG28P7	19/0.042



RGZE1S48M



RGZE05P



RGZE05E



RZM031RB



RSZL300



RGZS08



RGZR215

RSZS02

Sockets for interface relays

Sockets with separate contact terminals arrangement, screw connector connection, and built-in clamp

Description	Thermal current (Ith)	Relay type	Sold in lots of	Unit Reference	Weight g/lb
1 CO socket with 1 pole	10 A	RXG1●●●	10	RGZE1S35M	34/0.075
2 CO socket with 2 poles	5 A	RXG2●●●	10	RGZE1S48M	42/0.093

Sockets with separate contact terminals arrangement, push-in terminals, and built-in clamp

1 CO socket with 1 pole	10 A	RXG1●●●	10	RGZE05P	39/0.086
2 CO socket with 2 poles	5 A	RXG2●●●	10	RGZE08P	42/0.093

Sockets with mixed contact terminals arrangement, screw clamp connection, and built-in clamp

1 CO socket with 1 pole	10 A	RXG1●●●	10	RGZE05E	24/0.053
2 CO socket with 2 poles	5 A	RXG2●●●	10	RGZE08E	26/0.057

Protection modules

Description	For use with	Voltage V	Sold in lots of	Unit reference	Weight g/lb
Diode	All separate sockets	6...230 ~	10	RZM040W	3/0.007
RC circuit	All separate sockets	24...60 ~	10	RZM041BN7	10/0.022
		110...240 ~	10	RZM041FU7	10/0.022
Diode + green LED	All separate sockets	6...24 ~	10	RZM031RB	4/0.009
		24...60 ~	10	RZM031BN	4/0.009
		110...230 ~	10	RZM031FPD	4/0.009
Varistor + green LED	All separate sockets	6...24 ~/-	10	RZM021RB	5/0.011
		24...60 ~/-	10	RZM021BN	5/0.011
		110...230 ~/-	10	RZM021FP	5/0.011

Accessories

Description	For use with	Sold in lots of	Unit reference	Weight g/lb
Plastic maintaining clamp	All separate sockets (RGZE1S●●M, RGZE●●P)	10	RGZR215	2/0.004
Legend	All separate sockets (RGZE1S●●M, RGZE●●P)	10	RSZL300	2/0.002
Clip-in legends (sheet of 16 legends)	RXG●1●●, RXG●2●●, RXG●3●● relays	10	RGZL520	1/0.002
Bus jumper (8-pole jumper)	For inputs (A1, A2) of RGZE screw sockets (RGZE1S35M , RGZE1S48M)	10	RGZS08	5/0.013
Bus jumper (2-pole jumper)	For input (A2) of RGZE push-in sockets (RGZE05P , RGZE08P)	10	RSZS02	2/0.004