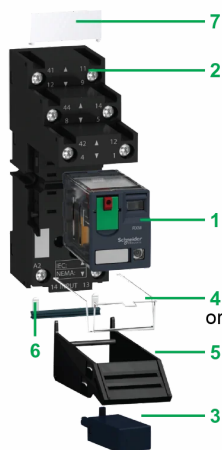


Presentation and description

F



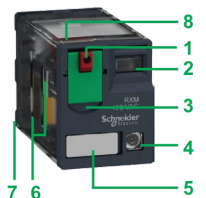
Presentation of the range

The RXM miniature relay range comprises:

- 1 12 A relays with 2 CO contacts, 10 A relays with 3 CO contacts, 6 A relays with 4 CO contacts, and 3 A "low level" relays with 4 CO contacts (all these relays have the same dimensions)
- 2 Sockets with mixed or separate contact terminals
- 3 Protection modules (diode, RC circuit, or varistor) common to all sockets
- 4 Metal maintaining clamp for all sockets
- 5 Plastic maintaining clamp for all sockets
- 6 2-pole bus jumper that can be used on sockets with separate contact terminals in order to simplify cabling when creating an equipotential link between the coil terminals
- 7 Clip-in legends for all sockets except RXZE2M114

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

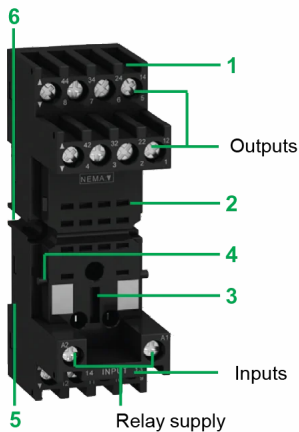
Relay description



- 1 Push button for testing the contacts (blue: DC, red: AC) Mechanical "relay status" indicator
- 2 Mechanical "relay status" indicator
- 3 Removable lock-down door enabling forced maintenance 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 4 notches for rail mounting adapter or panel mounting adapter with mounting lugs
- 7 8, 11, or 14 Faston type pins
- 8 Area by which the product can be easily gripped
- 9 Mounting adapter enabling direct mounting of the relay on a panel
- 10 Mounting adapter enabling direct mounting of the relay on a DIN rail

RXM miniature relays

Presentation and description



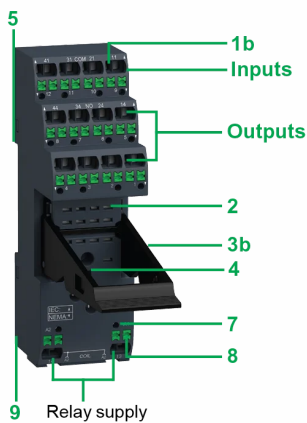
Sockets with mixed contact terminals

Socket description

Sockets with mixed contact terminals (1)

- 1 Connection by screw clamp terminals or screw connector
- 2 14 female contacts for the relay pins
- 3 Location for protection modules
- 4 Locking components for plastic and metal maintaining clamps
- 5 Locating slot for mounting on DIN rail with compression spring or mounting clip
- 6 2 or 4 holes for panel mounting

(1) The inputs are mixed with the relay supply, with the outputs being located on the opposite side of the socket.

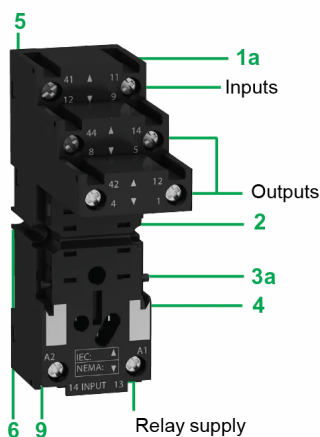


Sockets with separate contact terminals

Sockets with separate contact terminals (2)

- 1a Connection by screw connector
- 1b Connection by push in terminal
- 2 8, 11, or 14 female contacts for the relay pins
- 3a Locking components for plastic and metal maintaining clamps
- 3b Built-in plastic maintaining clamp for locking components
- 4 Location for protection modules
- 5 Locating slot for mounting on DIN rail with compression spring or mounting clip
- 6 2 holes for panel mounting
- 7 Test point
- 8 Push button to release wire
- 9 Location for bus jumpers

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



Sockets with separate contact terminals

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RXM4AB1BDPVS



RXM4AB2B7PVM



RXM4AB1BDPVP

Pre-assembled interface relays

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

Control circuit voltage V	Pre-assembled unit reference		Components in pre-assembled unit reference				Weight kg/lb
	2 CO - 12A	4 CO - 6A	Relay	Socket	Clamp	Socket label	
Relays with lockable test button and LED							
24 $\overline{\text{---}}$	RXM2AB2BDPVS		RXM2AB2BD	RXZE2S108M	RXZR335	RXZL520	0.101/0.223
24 $\sim$	RXM2AB2B7PVS		RXM2AB2B7	RXZE2S108M	RXZR335	RXZL520	0.101/0.223
230 $\sim$	RXM2AB2P7PVS		RXM2AB2P7	RXZE2S108M	RXZR335	RXZL520	0.101/0.223
24 $\overline{\text{---}}$	RXM4AB2BDPVS		RXM4AB2BD	RXZE2S114M	RXZR335	RXZL520	0.113/0.249
24 $\sim$	RXM4AB2B7PVS		RXM4AB2B7	RXZE2S114M	RXZR335	RXZL520	0.113/0.249
230 $\sim$	RXM4AB2P7PVS		RXM4AB2P7	RXZE2S114M	RXZR335	RXZL520	0.113/0.249
Relays with lockable test button and without LED							
24 $\overline{\text{---}}$	RXM4AB1BDPVS		RXM4AB1BD	RXZE2S114M	RXZR335	RXZL520	0.113/0.249
24 $\sim$	RXM4AB1B7PVS		RXM4AB1B7	RXZE2S114M	RXZR335	RXZL520	0.113/0.249
230 $\sim$	RXM4AB1P7PVS		RXM4AB1P7	RXZE2S114M	RXZR335	RXZL520	0.113/0.249

Relays mounted on screw connector mixed terminal sockets with clamp and label (sold in lots of 30)

Control circuit voltage V	Pre-assembled unit reference		Components in pre-assembled unit reference				Weight kg/lb
	2 CO - 12A	4 CO - 6A	Relay	Socket	Clamp	Socket label	
Relays with lockable test button and LED							
24 $\overline{\text{---}}$	RXM2AB2BDPVM		RXM2AB2BD	RXZE2M114M	RXZR335	RXZL520	0.099/0.218
24 $\sim$	RXM2AB2B7PVM		RXM2AB2B7	RXZE2M114M	RXZR335	RXZL520	0.099/0.218
230 $\sim$	RXM2AB2P7PVM		RXM2AB2P7	RXZE2M114M	RXZR335	RXZL520	0.099/0.218
24 $\overline{\text{---}}$	RXM4AB2BDPVM		RXM4AB2BD	RXZE2M114M	RXZR335	RXZL520	0.099/0.218
24 $\sim$	RXM4AB2B7PVM		RXM4AB2B7	RXZE2M114M	RXZR335	RXZL520	0.099/0.218
230 $\sim$	RXM4AB2P7PVM		RXM4AB2P7	RXZE2M114M	RXZR335	RXZL520	0.099/0.218
Relays with lockable test button and without LED							
24 $\overline{\text{---}}$	RXM4AB1BDPVM		RXM4AB1BD	RXZE2M114M	RXZR335	RXZL520	0.113/0.249
24 $\sim$	RXM4AB1B7PVM		RXM4AB1B7	RXZE2M114M	RXZR335	RXZL520	0.113/0.249
230 $\sim$	RXM4AB1P7PVM		RXM4AB1P7	RXZE2M114M	RXZR335	RXZL520	0.113/0.249

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 kg/lb
	2 CO - 12A	4 CO - 6A	Relay	Socket (with RXZR315clamp)	
Relays with lockable test button and LED					
24 $\overline{\text{---}}$	RXM2AB2BDPVP		RXM2AB2BD	RXZE14P	117/0.258
24 $\sim$	RXM2AB2B7PVP		RXM2AB2B7	RXZE14P	117/0.258
230 $\sim$	RXM2AB2P7PVP		RXM2AB2P7	RXZE14P	117/0.258
24 $\overline{\text{---}}$		RXM4AB2BDPVP	RXM4AB2BD	RXZE14P	117/0.258
24 $\sim$		RXM4AB2B7PVP	RXM4AB2B7	RXZE14P	117/0.258
230 $\sim$		RXM4AB2P7PVP	RXM4AB2P7	RXZE14P	117/0.258
Relays with lockable test button and without LED					
24 $\overline{\text{---}}$		RXM4AB1BDPVP	RXM4AB1BD	RXZE14P	117/0.258
24 $\sim$		RXM4AB1B7PVP	RXM4AB1B7	RXZE14P	117/0.258
230 $\sim$		RXM4AB1P7PVP	RXM4AB1P7	RXZE14P	117/0.258



RXM2AB1BD



RXM2AB1F7



RXM2AB2ED



RXM4GB1BD



RXM4GB1P7



RXM4GB2BD

Miniature relays for customer assembly

Control circuit voltage V	Number and type of contacts - Thermal current (Ith)					
	2 CO - 12 A		3 CO - 10 A		4 CO - 6 A	
	Unit reference	Weight kg/lb	Unit reference	Weight kg/lb	Unit reference	Weight kg/lb
RXM miniature relays without LED (sold in lots of 10)						
12 ---	RXM2AB1JD	0.037/0.082	RXM3AB1JD	0.037/0.082	RXM4AB1JD	0.037/0.082
24 ---	RXM2AB1BD	0.037/0.082	RXM3AB1BD	0.037/0.082	RXM4AB1BD	0.037/0.082
48 ---	RXM2AB1ED	0.037/0.082	RXM3AB1ED	0.037/0.082	RXM4AB1ED	0.037/0.082
110 ---	RXM2AB1FD	0.037/0.082	RXM3AB1FD	0.037/0.082	RXM4AB1FD	0.037/0.082
220 ---	—	—	—	—	RXM4AB1MD	0.037/0.082
24 ~	RXM2AB1B7	0.037/0.082	RXM3AB1B7	0.037/0.082	RXM4AB1B7	0.037/0.082
48 ~	RXM2AB1E7	0.037/0.082	RXM3AB1E7	0.037/0.082	RXM4AB1E7	0.037/0.082
120 ~	RXM2AB1F7	0.037/0.082	RXM3AB1F7	0.037/0.082	RXM4AB1F7	0.037/0.082
230 ~	RXM2AB1P7	0.037/0.082	RXM3AB1P7	0.037/0.082	RXM4AB1P7	0.037/0.082
240 ~	—	—	—	—	RXM4AB1U7	0.037/0.082
RXM miniature relays with LED (sold in lots of 10)						
12 ---	RXM2AB2JD	0.037/0.082	RXM3AB2JD	0.037/0.082	RXM4AB2JD	0.037/0.082
24 ---	RXM2AB2BD	0.037/0.082	RXM3AB2BD	0.037/0.082	RXM4AB2BD	0.037/0.082
48 ---	RXM2AB2ED	0.037/0.082	—	—	RXM4AB2ED	0.037/0.082
110 ---	RXM2AB2FD	0.037/0.082	RXM3AB2FD	0.037/0.082	RXM4AB2FD	0.037/0.082
125 ---	—	—	—	—	RXM4AB2GD	0.037/0.082
24 ~	RXM2AB2B7	0.037/0.082	RXM3AB2B7	0.037/0.082	RXM4AB2B7	0.037/0.082
48 ~	RXM2AB2E7	0.037/0.082	RXM3AB2E7	0.037/0.082	RXM4AB2E7	0.037/0.082
120 ~	RXM2AB2F7	0.037/0.082	RXM3AB2F7	0.037/0.082	RXM4AB2F7	0.037/0.082
230 ~	RXM2AB2P7	0.037/0.082	RXM3AB2P7	0.037/0.082	RXM4AB2P7	0.037/0.082

Control circuit voltage V	Number and type of contacts Thermal current (Ith)	
	4 CO - 6 A	
	Unit reference	Weight kg/lb
RXM miniature relays with low level contacts, without LED (sold in lots of 10)		
12 ---	RXM4GB1JD	0.037/0.082
24 ---	RXM4GB1BD	0.037/0.082
24 ~	RXM4GB1B7	0.037/0.082
48 ~	RXM4GB1E7	0.037/0.082
120 ~	RXM4GB1F7	0.037/0.082
230 ~	RXM4GB1P7	0.037/0.082
RXM miniature relays with low level contacts, with LED (sold in lots of 10)		
12 ---	RXM4GB2JD	0.037/0.082
24 ---	RXM4GB2BD	0.037/0.082
48 ---	RXM4GB2ED	0.037/0.082
125 ---	RXM4GB2GD	0.037/0.082
220 ---	RXM4GB2MD	0.037/0.082
24 ~	RXM4GB2B7	0.037/0.082
48 ~	RXM4GB2E7	0.037/0.082
120 ~	RXM4GB2F7	0.037/0.082
230 ~	RXM4GB2P7	0.037/0.082
240 ~	RXM4GB2U7	0.037/0.082

RXM miniature relays

References

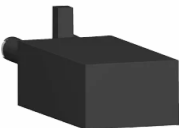
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RXZE2M114M



RXZE14P



RXM041007



REXL400

Sockets						
Contact terminal arrangement	Connection	Thermal current (Ith)	Relay type	Sold in lots of	Unit reference	Weight kg/lb
Mixed	Screw clamp	10	RXM20000 (1) RXM40000	10	RXZE2M114	0.048/0.106
	Screw connector	10	RXM20000 (1) RXM40000	10	RXZE2M114M	0.056/0.124
Separate	Push-in terminal	12	RXM20000 RXM40000	10	RXZE14P	0.080/0.176
	Screw connector	12	RXM20000	10	RXZE2S108M	0.058/0.128
		10	RXM30000	10	RXZE2S111M	0.066/0.146
		10	RXM40000	10	RXZE2S114M	0.070/0.154

(1) When mounting relay RXM20000 on socket RXZE2M0000, the thermal current should not exceed 10 A.

Protection modules					
Description	Voltage V	For use with	Sold in lots of	Unit reference	Weight kg/lb
Diode	6...250 ~	All sockets	10	RXM040W	0.003/0.007
RC circuit	24...60 ~	All sockets	10	RXM041BN7	0.010/0.022
	110...240~	All sockets	10	RXM041FU7	0.010/0.022
Varistor	6...24 ~/-~	All sockets	10	RXM021RB	0.030/0.066
	24...60 ~/-~	All sockets	10	RXM021BN	0.030/0.066
	110...240 ~/-~	All sockets	10	RXM021FP	0.030/0.066

Timing relays			
Description	For use with	Unit reference	Weight kg/lb
2 or 4 timed CO contacts (function A)	RXZE00000 sockets	REXL200 (2)	–
		REXL400 (2)	–

(2) Please refer to the “Harmony Timer Relays” catalog.



RXZR315



RXZS2



RSZS02



RXZE2FA



RXZ400



RXZL520

Accessories				
Description	For use with	Sold in lots of	Unit reference	Weight kg/lb
Metal maintaining clamp	All sockets	10	RXZ400	0.001/0.002
Plastic maintaining clamp	All sockets except push-in socket RXZE14P	10	RXZR335	0.005/0.011
	RXZE14P	10	RXZR315	0.004/0.009
2-pole bus jumper (lth: 5 A)	All screw sockets with separate contacts (RXZE2S●●●●)	10	RXZS2	0.005/0.011
Bus jumper (2-pole jumper)	For input (A2) of RXZE push in sockets (RXZE14P)	10	RSZS02	0.002/0.004
Mounting adapter with panel mounting lugs	RXM2●●●● RXM3●●●●	10	RXZE2FA	0.002/0.004
Clip-in legends	All relays (sheet of 108 legends)	10	RXZL520	0.080/0.176
	RXZE14P	10	RXZL300	0.004/0.009
	All sockets except RXZE2M114	10	RXZL420	0.001/0.002