

RPM power relays

Presentation and description

Presentation of the range

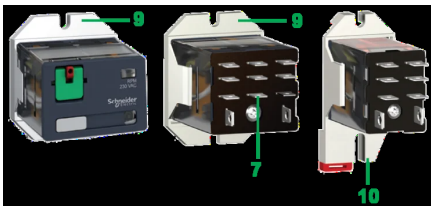
The RPM power relay range comprises:

- 1 15 A relay with 1, 2, 3, and 4 CO contacts
- 2 Sockets with mixed contact terminals
- 3 Protection modules (diode, RC circuit, or varistor) or 1 timer module (these protection modules are common to all sockets except for the timer module, which can be used on 3-pole or 4-pole sockets only)
- 4 Metal maintaining clamp for 1 and 2 CO contact relays



Relay description

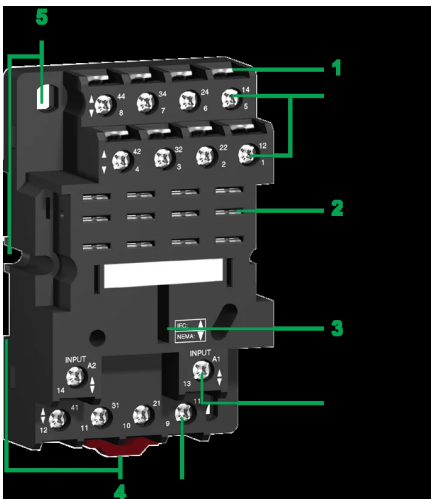
- 1 Spring-return pushbutton for testing the contacts (blue: DC, red: AC)
- 2 Mechanical "relay status" indicator
- 3 Removable lock-down door enabling forced maintenance of the contacts for test sequences or maintenance purposes
- 4 LED (depending on version) indicating the relay status
- 5 Removable legend for relay identification
- 6 4 notches for rail mounting adapter or panel mounting adapter with mounting lugs
- 7 5, 8, 11, or 14 Faston-type pins
- 8 The 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 5-rail



Socket description

Sockets with mixed contact terminals (1)

- 1 Connection by screw clamp terminals
- 2 5, 8, 11, or 14 female contacts for the relay pins
- 3 Location for the protection modules or the timer module
- 4 Locating a slot for mounting on the rail with a mounting clip
- 5 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.

RPM power relays

References



RPM41BD



RPM41P7



RPM42BD



RPM42P7

Power relays for customer assembly								
Power relays without LED (sold in lots of 10)								
Control circuit voltage V	Number and type of contacts - Thermal current (Ith)							
	1 CO - 15 A		2 CO - 15 A		3 CO - 15 A		4 CO - 15 A	
	Unit reference	Weight kg/lb	Unit reference	Weight kg/lb	Unit reference	Weight kg/lb	Unit reference	Weight kg/lb
12 ---	RPM11JD	0.026/0.057	RPM21JD	0.036/0.079	RPM31JD	0.054/0.119	RPM41JD	0.071/0.157
24 ---	RPM11BD	0.026/0.057	RPM21BD	0.036/0.079	RPM31BD	0.054/0.119	RPM41BD	0.071/0.157
48 ---	RPM11ED	0.026/0.057	RPM21ED	0.036/0.079	RPM31ED	0.054/0.119	RPM41ED	0.071/0.157
110 ---	RPM11FD	0.026/0.057	RPM21FD	0.036/0.079	RPM31FD	0.054/0.119	RPM41FD	0.071/0.157
24 ~	RPM11B7	0.026/0.057	RPM21B7	0.036/0.079	RPM31B7	0.054/0.119	RPM41B7	0.071/0.157
48 ~	RPM11E7	0.026/0.057	RPM21E7	0.036/0.079	RPM31E7	0.054/0.119	RPM41E7	0.071/0.157
120 ~	RPM11F7	0.026/0.057	RPM21F7	0.036/0.079	RPM31F7	0.054/0.119	RPM41F7	0.071/0.157
230 ~	RPM11P7	0.026/0.057	RPM21P7	0.036/0.079	RPM31P7	0.054/0.119	RPM41P7	0.071/0.157
Power relays with LED (sold in lots of 10)								
12 ---	RPM12JD	0.026/0.057	RPM22JD	0.036/0.079	RPM32JD	0.054/0.119	RPM42JD	0.071/0.157
24 ---	RPM12BD	0.026/0.057	RPM22BD	0.036/0.079	RPM32BD	0.054/0.119	RPM42BD	0.071/0.157
48 ---	RPM12ED	0.026/0.057	RPM22ED	0.036/0.079	RPM32ED	0.054/0.119	RPM42ED	0.071/0.157
110 ---	—	—	RPM22FD	0.036/0.079	—	—	RPM42FD	0.071/0.157
24 ~	RPM12B7	0.026/0.057	RPM22B7	0.036/0.079	RPM32B7	0.054/0.119	RPM42B7	0.071/0.157
48 ~	RPM12E7	0.026/0.057	RPM22E7	0.036/0.079	RPM32E7	0.054/0.119	RPM42E7	0.071/0.157
120 ~	RPM12F7	0.026/0.057	RPM22F7	0.036/0.079	RPM32F7	0.054/0.119	RPM42F7	0.071/0.157
230 ~	RPM12P7	0.026/0.057	RPM22P7	0.036/0.079	RPM32P7	0.054/0.119	RPM42P7	0.071/0.157



RPZF4 + Relay RPM42P7



RUW24...



RUW101MW

Socket					
Contact terminal arrangement	Connection	Relay type	Sold in lots of	Unit reference	Weight Kg/lb
Mixed	Screw clamp terminals	RPM1...	10	RPZF1	0.042/ 0.093
		RPM2...	10	RPZF2	0.054/ 0.119
		RPM3...	10	RPZF3	0.072/ 0.159
		RPM4...	10	RPZF4	0.094/ 0.207

Protection modules					
Description	Voltage V	Socket type	Sold in lots of	Unit reference	Weight Kg/lb
Diode	6...250 ~	RPZF1	10	RXM040W	0.003/ 0.007
		RPZF2			
		RPZF3	10	RUW240BD	0.004/ 0.009
		RPZF4			
RC circuit	24...60 ~	RPZF1	10	RXM041BN7	0.010/ 0.022
		RPZF2			
	110...240 ~	RPZF1	10	RXM041FU7	0.010/ 0.022
		RPZF2			
		RPZF3	10	RUW241P7	0.004/ 0.009
		RPZF4			
Varistor	6...24 ~/-	RPZF1	10	RXM021RB	0.030/ 0.066
		RPZF2			
	24...60 ~/-	RPZF1	10	RXM021BN	0.030/ 0.066
		RPZF2			
	110...240 ~/-	RPZF1	10	RXM021FP	0.030/ 0.066
		RPZF2			
	24 ~/-	RPZF3	10	RUW242B7	0.004/ 0.009
		RPZF4			
	240 ~/-	RPZF3	10	RUW242P7	0.004/ 0.009
		RPZF4			

Timer modules (1)				
Description	Voltage V	Socket type	Unit reference	Weight Kg/lb
Multifunction	24... 240 ~/-	RPZF3 RPZF4	RUW101MW	0.020/ 0.044

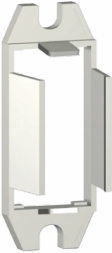
(1) See timer module description (selection of functions and time delays) on

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References



RPZ4DA



RPZ1FA

Accessories				
Description	For use with	Sold in lots of	Unit reference	Weight Kg/lb
Metal maintaining clamp	RPZF1	10	RPZR235	0.001/ 0.002
	RPZF2	10	16-1342	0.001/ 0.002
Mounting adapters for  rail (1)	RPM4●●●	10	RPZ4DA	0.006/ 0.013
Mounting adapters with panel mounting lugs	RPM1●●●	10	RPZ1FA	0.002/ 0.004
	RPM2●●●	10	RXZE2FA	0.002/ 0.004
	RPM3●●●	10	RPZ3FA	0.003/ 0.007
Clip-in legends (sheet of 108 legends)	All relays	10	RXZL520	0.080/ 0.176
Clip-in legends (sheet of 16 legends)	All relays	10	RGZL520	0.080/ 0.176

(1) The test button becomes inaccessible.