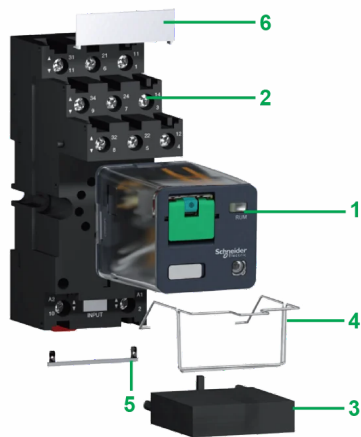


Presentation and description

J



Presentation of the range

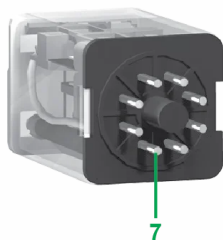
The RUM universal relay range comprises:

- 1 10A relays with 2 and 3 CO contacts, and cylindrical or flat (Faston type) pins (all these relays have the same dimensions)
- 2 Sockets with mixed or separate contact terminals
- 3 Protection modules (diode, RC circuit, or varistor) or 1 timer module, common to all RUM sockets
- 4 Metal maintaining clamp for all RUM sockets
- 5 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
- 6 Clip-in legends for the sockets

Relay description

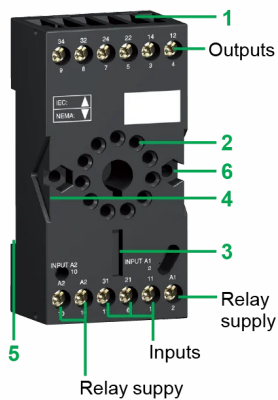
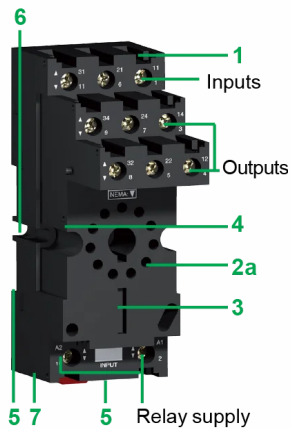
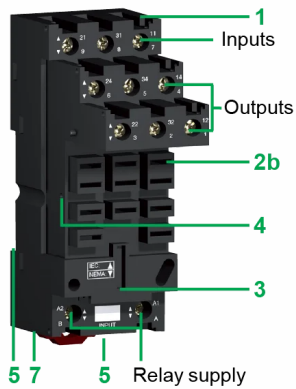
- 1 Spring-return pushbutton for testing the contacts (blue: DC, red: AC)
- 2 Mechanical "relay status" indicator
- 3 Removable lock-down door enabling forced maintenance of the contacts for test sequences or maintenance purposes (1)
- 4 LED (depending on version) indicating the relay status
- 5 Removable legend for relay identification
- 6 The area by which the product can be easily gripped
- 7 8 or 11 cylindrical pins
- 8 8 or 11 flat (Faston type) pins

(1) During operation, this lock-down door must always be in the closed position.



RUM universal relays

Presentation and description



Socket description

Sockets with separate contact terminals (1)

- 1 Connection by screw connector
- 2a 8 or 11 female contacts for the relay cylindrical pins
- 2b 11 female contacts for the relay flat pins
- 3 Location for protection modules or the timer module
- 4 Locking component for metal maintaining clamp
- 5 Locating slot for mounting on DIN rail with mounting clip
- 6 2 holes for panel mounting
- 7 Location for bus jumpers (see dimensions for mounting on sockets on)

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

Sockets with mixed contact terminals

- 1 Connection by screw connector
- 2 8 or 11 female contacts for the relay cylindrical pins
- 3 Location for protection modules or the timer module
- 4 Locking component for metal maintaining clamp
- 5 A locating slot for mounting on DIN rail
- 6 2 holes for panel mounting

RUM universal relays

References

J



RUMC21BD



RUMC21F7

Universal relays for customer assembly					
Relays for standard applications, with lockable test button and without LED (sold in lots of 10)					
Pins	Control circuit voltage V	Number and type of contacts - Thermal current (Ith)			
		2 CO - 10 A		3 CO - 10 A	
		Unit reference	Weight Kg/lb	Unit reference	Weight Kg/lb
Cylindrical	12 ---	RUMC21JD	0.086/0.190	RUMC31JD	0.086/0.190
	24 ---	RUMC21BD	0.086/0.190	RUMC31BD	0.086/0.190
	48 ---	—	—	RUMC31ED	0.086/0.190
	60 ---	—	—	RUMC31ND	0.086/0.190
	110 ---	RUMC21FD	0.086/0.190	RUMC31FD	0.086/0.190
	125 ---	—	—	RUMC31GD	0.086/0.190
	220 ---	—	—	RUMC31MD	0.086/0.190
	24 ~	RUMC21B7	0.086/0.190	RUMC31B7	0.086/0.190
	48 ~	—	—	RUMC31E7	0.086/0.190
	120 ~	RUMC21F7	0.086/0.190	RUMC31F7	0.086/0.190
	230 ~	RUMC21P7	0.086/0.190	RUMC31P7	0.086/0.190
	—	—	—	—	—
Flat (Faston type)	12 ---	RUMF21JD	0.086/0.190	RUMF31JD	0.086/0.190
	24 ---	RUMF21BD	0.086/0.190	RUMF31BD	0.086/0.190
	48 ---	RUMF21ED	0.086/0.190	RUMF31ED	0.086/0.190
	110 ---	RUMF21FD	0.086/0.190	RUMF31FD	0.086/0.190
	24 ~	RUMF21B7	0.086/0.190	RUMF31B7	0.086/0.190
	48 ~	RUMF21E7	0.086/0.190	RUMF31E7	0.086/0.190
	120 ~	RUMF21F7	0.086/0.190	RUMF31F7	0.086/0.190
	—	—	—	—	—
	—	—	—	—	—
	—	—	—	—	—
	—	—	—	—	—
	—	—	—	—	—
	—	—	—	—	—



RUMC32BD



RUMF32F7

Relays for standard applications, with lockable test button and LED (sold in lots of 10)					
Pins	Control circuit voltage V	Number and type of contacts - Thermal current (Ith)			
		2 CO - 10 A		3 CO - 10 A	
		Unit reference	Weight Kg/lb	Unit reference	Weight Kg/lb
Cylindrical	12 ---	RUMC22JD	0.086/0.190	RUMC32JD	0.086/0.190
	24 ---	RUMC22BD	0.086/0.190	RUMC32BD	0.086/0.190
	48 ---	RUMC22ED	0.086/0.190	RUMC32ED	0.086/0.190
	110 ---	RUMC22FD	0.086/0.190	RUMC32FD	0.086/0.190
	125 ---	—	—	RUMC32GD	0.086/0.190
	24 ~	RUMC22B7	0.086/0.190	RUMC32B7	0.086/0.190
	48 ~	RUMC22E7	0.086/0.190	RUMC32E7	0.086/0.190
	120 ~	RUMC22F7	0.086/0.190	RUMC32F7	0.086/0.190
	230 ~	RUMC22P7	0.086/0.190	RUMC32P7	0.086/0.190
	—	—	—	—	—
	—	—	—	—	—
	—	—	—	—	—
Flat (Faston type)	12 ---	RUMF22JD	0.086/0.190	RUMF32JD	0.086/0.190
	24 ---	RUMF22BD	0.086/0.190	RUMF32BD	0.086/0.190
	110 ---	—	0.086/0.190	RUMF32FD	0.086/0.190
	24 ~	RUMF22B7	0.086/0.190	RUMF32B7	0.086/0.190
	120 ~	RUMF22F7	0.086/0.190	RUMF32F7	0.086/0.190
	230 ~	RUMF22P7	0.086/0.190	RUMF32P7	0.086/0.190
	—	—	—	—	—
	—	—	—	—	—
	—	—	—	—	—
	—	—	—	—	—
	—	—	—	—	—
	—	—	—	—	—



RUZSC3M + Relay
RUMC3●●●



RUW241P7



RUW101MW



RE48A●●



RUZC200



RUZS2

Sockets					
Contact terminal arrangement	Connection	Relay type	Sold in lots of	Unit reference	Weight Kg/lb
Mixed	Screw connector	RUMC2●●●	10	RUZC2M	0.054/0.119
		RUMC3●●●		RUZC3M	0.054/0.119
Separate	Screw connector	RUMC2●●●	10	RUZSC2M	0.095/0.209
		RUMC3●●●		RUZSC3M	0.100/0.220
		RUMF2●●●		RUZSF3M	0.095/0.209
		RUMF3●●●			

Protection modules					
Description	For use with	Voltage V	Sold in lots of	Unit reference	Weight Kg/lb
Diode	All RUM sockets	6...250 ---	10	RUW240BD	0.004/0.009
RC circuit	All RUM sockets	110...240 ~		RUW241P7	0.004/0.009
Varistor	All RUM sockets	24 ~/---		RUW242B7	0.004/0.009
		240 ~/---		RUW242P7	0.004/0.009

Timer module					
Description	For use with	Voltage V	Sold in lots of	Unit Reference	Weight Kg/lb
Multifunction	All RUM sockets	24... 240 ~/---	10	RUW101MW	0.020/0.044

Timing relays				
Description	For use with	Unit reference	Weight Kg/lb	
2 timed CO contacts (single-function or multifunction)	RUZC●M sockets	RE48A●● (1)	—	

(1) Please refer to the "Harmony Timer Relays" catalog.

Accessories				
Description	For use with	Sold in lots of	Unit Reference	Weight Kg/lb
Metal maintaining clamp	All RUM sockets	10	RUZC200	0.001/0.002
2-pole bus jumper (lth: 5 A)	All RUM sockets with separate contacts		RUZS2	0.005/0.011
Clip-in legends	All relays (sheet of 108 legends)		RXZL520	0.086/0.190
	All RUM sockets with separate contacts		RUZL420	0.001/0.002