

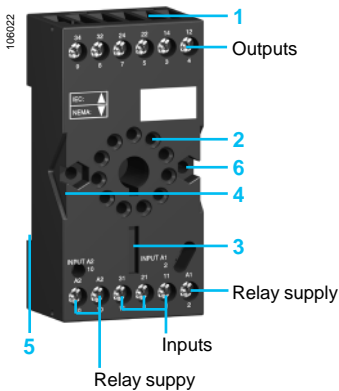
Presentation of the range

The RUM universal relay range comprises:

- 1 10 A relays with 2 and 3 C/O contacts, with cylindrical or flat (Faston type) pins, and 3 A low level relays with 3 C/O contacts, with cylindrical 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. All these modules are common to all sockets.
- 4 A metal maintaining clamp for all sockets.
- 5 A 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

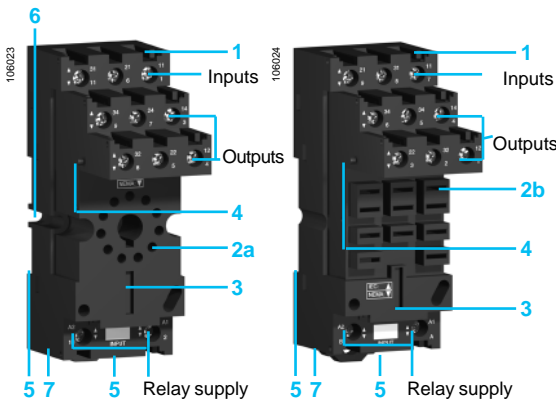
- 1 Spring return pushbutton for testing the contacts (green: $\overline{\text{---}}$, red: \sim).
- 2 Mechanical "relay status" indicator.
- 3 Removable lock-down door enabling forced maintaining of the contacts for test sequences or maintenance purposes. During operation, this lock-down door must always be in the closed position.
- 4 LED (depending on version) indicating the relay status.
- 5 Removable legend for relay identification.
- 6 Area by which the product can be easily gripped.
- 7 Eight or eleven cylindrical pins.
- 8 Eight or eleven flat (Faston type) pins



Socket description

Sockets with mixed contact terminals (1)

- 1 Connection by screw connector.
- 2 Eight or eleven 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 a rail.
- 6 Two fixing holes for panel mounting.



Sockets with separate contact terminals (2)

- 1 Connection by screw connector.
- 2 a Eight or eleven female contacts for the relay cylindrical pins.
b Eleven 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 a rail with fixing clip.
- 6 Two fixing holes for panel mounting.
- 7 Location for bus jumpers.

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

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



RUM ●●AB1F7

References

Relays for standard applications, without LED (sold in lots of 10)

Pins	Control circuit voltage	Number and type of contacts - Thermal current (Ith)				
		2 C/O - 10 A		3 C/O - 10 A		
		Unit reference	Weight	Unit reference	Weight	
	V		kg		kg	
Cylindrical	--- 12	RUM C2AB1JD	0.085	RUM C3AB1JD	0.088	
	--- 24	RUM C2AB1BD	0.085	RUM C3AB1BD	0.088	
	--- 48	RUM C2AB1ED	0.085	RUM C3AB1ED	0.088	
	--- 60	–	–	RUM C3AB1ND	0.088	
	--- 110	RUM C2AB1FD	0.085	RUM C3AB1FD	0.088	
	--- 125	–	–	RUM C3AB1GD	0.088	
	--- 220	–	–	RUM C3AB1MD	0.088	
	~ 24	RUM C2AB1B7	0.085	RUM C3AB1B7	0.088	
	~ 48	RUM C2AB1E7	0.085	RUM C3AB1E7	0.088	
	~ 120	RUM C2AB1F7	0.085	RUM C3AB1F7	0.088	
	~ 230	RUM C2AB1P7	0.085	RUM C3AB1P7	0.088	
	Flat (Faston type)	--- 12	RUM F2AB1JD	0.080	RUM F3AB1JD	0.082
		--- 24	RUM F2AB1BD	0.080	RUM F3AB1BD	0.082
		--- 48	RUM F2AB1ED	0.080	RUM F3AB1ED	0.082
--- 110		RUM F2AB1FD	0.080	RUM F3AB1FD	0.082	
~ 24		RUM F2AB1B7	0.080	RUM F3AB1B7	0.082	
~ 48		RUM F2AB1E7	0.080	RUM F3AB1E7	0.082	
~ 120		RUM F2AB1F7	0.080	RUM F3AB1F7	0.082	
~ 230		RUM F2AB1P7	0.080	RUM F3AB1P7	0.082	

Relays for standard applications, with LED (sold in lots of 10)

Cylindrical	--- 12	RUM C2AB2JD	0.085	RUM C3AB2JD	0.088	
	--- 24	RUM C2AB2BD	0.085	RUM C3AB2BD	0.088	
	--- 48	RUM C2AB2ED	0.085	RUM C3AB2ED	0.088	
	--- 60	–	–	RUM C3AB2ND	0.088	
	--- 110	RUM C2AB2FD	0.085	RUM C3AB2FD	0.088	
	--- 125	–	–	RUM C3AB2GD	0.088	
	~ 24	RUM C2AB2B7	0.085	RUM C3AB2B7	0.088	
	~ 48	RUM C2AB2E7	0.085	RUM C3AB2E7	0.088	
	~ 120	RUM C2AB2F7	0.085	RUM C3AB2F7	0.088	
	~ 230	RUM C2AB2P7	0.085	RUM C3AB2P7	0.088	
	Flat (Faston type)	--- 12	RUM F2AB2JD	0.084	RUM F3AB2JD	0.082
		--- 24	RUM F2AB2BD	0.084	RUM F3AB2BD	0.082
		--- 48	RUM F2AB2ED	0.084	RUM F3AB2ED	0.082
		--- 110	RUM F2AB2FD	0.084	RUM F3AB2FD	0.082
~ 24		RUM F2AB2B7	0.084	RUM F3AB2B7	0.082	
~ 48		RUM F2AB2E7	0.084	RUM F3AB2E7	0.082	
~ 120		RUM F2AB2F7	0.084	RUM F3AB2F7	0.082	
~ 230		RUM F2AB2P7	0.084	RUM F3AB2P7	0.082	

Relays with low level contacts, with LED (sold in lots of 10)

Pins	Control circuit voltage	Number and type of contacts	
		Thermal current (Ith)	
		3 C/O - 3 A	
		Unit reference	Weight
	V		kg
Cylindrical	--- 24	RUM C3GB2BD	0.086
	--- 48	RUM C3GB2ED	0.086
	~ 24	RUM C3GB2B7	0.086
	~ 48	RUM C3GB2E7	0.086
	~ 120	RUM C3GB2F7	0.086
	~ 230	RUM C3GB2P7	0.086



RUC3M + relais RUM C3●●●●●

108027



RUW 241P7



RUW 101MW

References (continued)

Sockets

Contact terminal arrangement	Connection	Relay type	Sold in lots of	Unit reference	Weight kg
Mixed	Screw connector	RUM C2●●●●●	10	RUZ C2M	0.054
		RUM C3●●●●●	10	RUZ C3M	0.054
Separate	Screw connector	RUM C2●●●●●	10	RUZ SC2M	0.095
		RUM C3●●●●●	10	RUZ SC3M	0.100
		RUM F2●●●●●	10	RUZ SF3M	0.095
		RUM F3●●●●●			

Protection modules

Description	For use with	Voltage	Sold in lots of	Unit reference	Weight kg
V					
Diode	All sockets	$\overline{\text{---}}$ 6...250	10	RUW 240BD	0.004
RC circuit	All sockets	\sim 110...240	10	RUW 241P7	0.004
Varistor	All sockets	$\sim/\overline{\text{---}}$ 24	10	RUW 242B7	0.004
		$\sim/\overline{\text{---}}$ 240	10	RUW 242P7	0.004

Timer module

Description	For use with	Voltage	Reference	Weight kg
V				
Multifunction	All sockets	$\sim/\overline{\text{---}}$ 24... 240	RUW 101MW	0.020

Timing relays

Description	For use with	Reference	Weight kg
2 timed C/O contacts (single-function or multifunction)	On sockets RUZ C●M	RE 48A ●● (1)	–

(1) Please consult the "Zelio Time timing relays" catalogue.



References (continued)				
Accessories				
Description	For use with	Sold in lots of	Unit reference	Weight kg
Metal maintaining clamp	All sockets	10	RUZC200	0.001
Bus jumper 2-pole (Ith : 5 A)	All sockets with separate contacts	10	RUZ S2	0.005
Clip-in legends	All relays (sheet of 108 legends)	10	RXZ L520	0.080
	All sockets with separate contacts	10	RUZ L420	0.001