



Presentation of the range

The RXM miniature relay range comprises:

- 1 12 A relays with 2 C/O contacts, 10 A relays with 3 C/O contacts, 6 A relays with 4 C/O contacts and 3 A "low level" relays with 4 C/O contacts. All these relays have the same dimensions.
- 2 Sockets with mixed or separate contact terminals.
- 3 Protection modules (diode, RC circuit or varistor). All these modules are common to all sockets.
- 4 A metal maintaining clamp for all sockets.
- 5 A plastic maintaining clamp for all sockets.
- 6 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.
- 7 Clip-in legends for all the sockets except RXZ E2M114.

Relay description

- 1 Spring return pushbutton (depending on version) for testing the contacts (green: $\overline{\text{---}}$, red: \sim).
- 2 Mechanical "relay status" indicator.
- 3 Removable lock-down door (depending on version) 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 Four notches for rail mounting adapter or panel mounting adapter with fixing lugs.
- 7 Eight, eleven or fourteen 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 \perp rail.

Socket description

Sockets with mixed contact terminals (1)

- 1 Connection by screw clamp terminals or screw connector.
- 2 Fourteen 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 \perp rail with its compression spring or fixing clip.
- 6 Two or four fixing holes for panel mounting.

Sockets with separate contact terminals (2)

- 1 Connection by screw connector.
- 2 Eight, eleven or fourteen 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 \perp rail with its compression spring or fixing clip.
- 6 Two fixing holes for panel mounting.
- 7 Location for bus jumpers (see mounting on sockets page 28207/8).

(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.

Miniature relays with lockable test button, with LED								
Control circuit voltage	Number and type of contacts - Thermal current (Ith)							
	2 C/O - 12 A		3 C/O - 10 A		4 C/O - 6 A		4 C/O low level - 3 A	
	Unit reference	Weight	Unit reference	Weight	Unit reference	Weight	Unit reference	Weight
V		kg		kg		kg		kg
Sold in lots of 10								
⎓ 12	RXM 2AB2JD	0.037	RXM 3AB2JD	0.037	RXM 4AB2JD	0.037	RXM 4GB2JD	0.037
⎓ 24	RXM 2AB2BD	0.037	RXM 3AB2BD	0.037	RXM 4AB2BD	0.037	RXM 4GB2BD	0.037
⎓ 48	RXM 2AB2ED	0.037	RXM 3AB2ED	0.037	RXM 4AB2ED	0.037	RXM 4GB2ED	0.037
⎓ 110	RXM 2AB2FD	0.037	RXM 3AB2FD	0.037	RXM 4AB2FD	0.037	RXM 4GB2FD	0.037
⎓ 125	-	-	-	-	RXM 4AB2GD	0.037	-	-
~ 24	RXM 2AB2B7	0.037	RXM 3AB2B7	0.037	RXM 4AB2B7	0.037	RXM 4GB2B7	0.037
~ 48	RXM 2AB2E7	0.037	RXM 3AB2E7	0.037	RXM 4AB2E7	0.037	RXM 4GB2E7	0.037
~ 120	RXM 2AB2F7	0.037	RXM 3AB2F7	0.037	RXM 4AB2F7	0.037	RXM 4GB2F7	0.037
~ 230	RXM 2AB2P7	0.037	RXM 3AB2P7	0.037	RXM 4AB2P7	0.037	RXM 4GB2P7	0.037
~ 240	-	-	-	-	-	-	RXM 4GB2U7	0.037
Sold in lots of 100								
⎓ 24	-	-	-	-	RXM 4AB2BDTQ	0.037	-	-
~ 24	RXM 2AB2B7TQ	0.037	-	-	RXM 4AB2B7TQ	0.037	-	-
~ 230	RXM 2AB2P7TQ	0.037	-	-	RXM 4AB2P7TQ	0.037	-	-
Miniature relays with lockable test button, without LED								
Control circuit voltage	Number and type of contacts - Thermal current (Ith)							
	2 C/O - 12 A		3 C/O - 10 A		4 C/O - 6 A		4 C/O low level - 3 A	
	Unit reference	Weight	Unit reference	Weight	Unit reference	Weight	Unit reference	Weight
V		kg		kg		kg		kg
Sold in lots of 10								
⎓ 12	RXM 2AB1JD	0.037	RXM 3AB1JD	0.037	RXM 4AB1JD	0.037	RXM 4GB1JD	0.037
⎓ 24	RXM 2AB1BD	0.037	RXM 3AB1BD	0.037	RXM 4AB1BD	0.037	RXM 4GB1BD	0.037
⎓ 48	RXM 2AB1ED	0.037	RXM 3AB1ED	0.037	RXM 4AB1ED	0.037	RXM 4GB1ED	0.037
⎓ 110	RXM 2AB1FD	0.037	RXM 3AB1FD	0.037	RXM 4AB1FD	0.037	RXM 4GB1FD	0.037
⎓ 220	-	-	-	-	RXM 4AB1MD	0.037	-	-
~ 24	RXM 2AB1B7	0.037	RXM 3AB1B7	0.037	RXM 4AB1B7	0.037	RXM 4GB1B7	0.037
~ 48	RXM 2AB1E7	0.037	RXM 3AB1E7	0.037	RXM 4AB1E7	0.037	RXM 4GB1E7	0.037
~ 120	RXM 2AB1F7	0.037	RXM 3AB1F7	0.037	RXM 4AB1F7	0.037	RXM 4GB1F7	0.037
~ 230	RXM 2AB1P7	0.037	RXM 3AB1P7	0.037	RXM 4AB1P7	0.037	RXM 4GB1P7	0.037
~ 240	-	-	-	-	RXM 4AB1U7	0.037	-	-
Sold in lots of 100								
⎓ 12	-	-	-	-	RXM 4AB1JDTQ	0.037	-	-
⎓ 24	RXM 2AB1BDTQ	0.037	-	-	RXM 4AB1BDTQ	0.037	-	-
⎓ 48	-	-	-	-	RXM 4AB1EDTQ	0.037	-	-
⎓ 110	-	-	-	-	RXM 4AB1FDTQ	0.037	-	-
⎓ 220	-	-	-	-	RXM 4AB1MDTQ	0.037	-	-
~ 24	RXM 2AB1B7TQ	0.037	-	-	RXM 4AB1B7TQ	0.037	-	-
~ 48	-	-	-	-	RXM 4AB1E7TQ	0.037	-	-
~ 120	RXM 2AB1F7TQ	0.037	-	-	RXM 4AB1F7TQ	0.037	-	-
~ 230	RXM 2AB1P7TQ	0.037	-	-	RXM 4AB1P7TQ	0.037	-	-



RXM AB2F7



RXM 4GB2F7



RXM AB1F7



RXM 4GB1F7



RXM ●AB3F7

RXZ E2S114M
+
Relais RXM 4AB2F7

RXM 041●●7



RE XL4●●

Miniature relays with lockable test button, with LED

Control circuit voltage	Number and type of contacts - Thermal current (Ith)							
	2 C/O - 12 A		3 C/O - 10 A		4 C/O - 6 A		4 C/O low level - 3 A	
V	Unit reference	Weight	Unit reference	Weight	Unit reference	Weight	Unit reference	Weight
		kg		kg		kg		kg
Sold in lots of 10								
— 12	RXM 2AB3JD	0.037	—	—	RXM 4AB3JD	0.036	RXM 4GB3JD	0.036
— 24	RXM 2AB3BD	0.037	—	—	RXM 4AB3BD	0.036	RXM 4GB3BD	0.036
— 48	RXM 2AB3ED	0.037	—	—	RXM 4AB3ED	0.036	RXM 4GB3ED	0.036
— 110	RXM 2AB3FD	0.037	—	—	RXM 4AB3FD	0.036	RXM 4GB3FD	0.036
— 125	—	—	—	—	RXM 4AB3GD	—	—	—
~ 24	RXM 2AB3B7	0.037	—	—	RXM 4AB3B7	0.036	RXM 4GB3B7	0.036
~ 48	RXM 2AB3E7	0.037	—	—	RXM 4AB3E7	0.036	RXM 4GB3E7	0.036
~ 120	RXM 2AB3F7	0.037	—	—	RXM 4AB3F7	0.036	RXM 4GB3F7	0.036
~ 230	RXM 2AB3P7	0.037	—	—	RXM 4AB3P7	0.036	RXM 4GB3P7	0.036

Sold in lots of 100

— 24	RXM 2AB3BDTQ	0.037	—	—	RXM 4AB3BDTQ	0.036	—	—
~ 24	RXM 2AB3B7TQ	0.037	—	—	RXM 4AB3B7TQ	0.036	—	—
~ 230	RXM 2AB3P7TQ	0.037	—	—	RXM 4AB3P7TQ	0.036	—	—

Sockets

Contact terminal arrangement	Connection	Relay type	Sold in lots of	Unit reference	Weight
					kg
Mixed	Screw clamp terminals	RXM 2●●●●● (3) RXM 4●●●●●	10	RXZ E2M114 (1)	0.048
	Screw connector	RXM 2●●●●● (3) RXM 4●●●●●	10	RXZ E2M114M (1)	0.056
Separate	Screw connector	RXM 2●●●●●	10	RXZ E2S108M (2)	0.058
		RXM 3●●●●●	10	RXZ E2S111M (1)	0.066
		RXM 4●●●●●	10	RXZ E2S114M (1)	0.070

Protection modules

Description	Voltage	For use with	Sold in lots of	Unit reference	Weight
	V				kg
Diode	— 6...250	All sockets	20	RXM 040W	0.003
RC circuit	~ 24...60	All sockets	20	RXM 041BN7	0.010
	~ 110...240	All sockets	20	RXM 041FU7	0.010
Varistor	~ / — 6...24	All sockets	20	RXM 021RB	0.030
	~ / — 24...60	All sockets	20	RXM 021BN	0.030
	~ / — 110...240	All sockets	20	RXM 021FP	0.030

Timing relays

Description	For use with	Unit reference	Weight
			kg
2 or 4 timed C/O contacts (function A)	Sockets	RE XL2●● (4)	—
	RXZ E●●●●●	RE XL4●● (4)	—

(1) Thermal current Ith: 10 A.

(2) Thermal current Ith: 12 A.

(3) When mounting relay RXM 2●●●●● on socket RXZ E2M●●●●●, the thermal current must not exceed 10 A.

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

Accessories				
Description	For use with	Sold in lots of	Unit reference	Weight kg
Metal maintaining clamp	All sockets	10	RXZ 400	0.001
Plastic maintaining clamp	All sockets	10	RXZ R335	0.005
Bus jumper 2-pole (Ith: 5 A)	All sockets with separate contacts	10	RXZ S2	0.005
Mounting adapter for \perp rail (1)	All relays	10	RXZ E2DA	0.004
Mounting adapter with fixing lugs for panel	All relays	10	RXZ E2FA	0.002
Clip-in legends	All relays (sheet of 108 legends)	10	RXZ L520	0.080
	All sockets except RXZ E2M114	10	RXZ L420	0.001



(1) Test button becomes inaccessible.