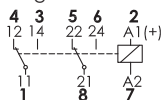




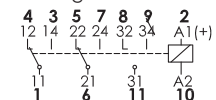
RM2-FT Relay 2 contacts

RM3-FT Relay 3 contacts

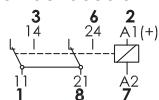
Wiring diagram RME20N
2 change-over contact



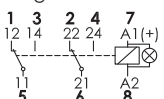
Wiring diagram RME30N
3 change-over contact



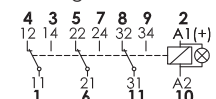
Wiring diagram RMED1
1 contact double make



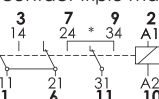
Wiring diagram RMS20L
2 change-over w. button



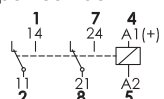
Wiring diagram RMS30L
3 change-over w. button



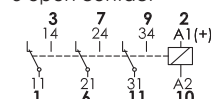
Wiring diagram RMET1
1 contact triple make



Wiring diagram RME2AN
2 open contact



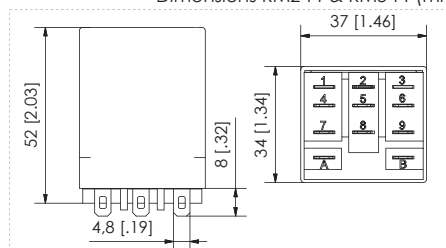
Wiring diagram RME3AN
3 open contact



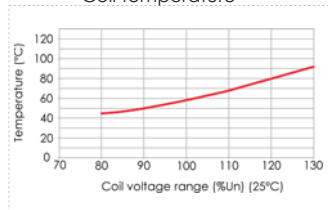
In 1 contact triple make is absolutely necessary use the socket

* SMB31D11TFT

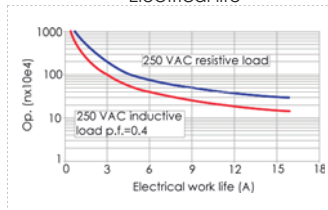
Dimensions RM2-FT & RM3-FT (mm-inch)



Coil temperature



Electrical life



Features

Universal power relays for general applications with faston terminals, specially designed to have a high resistance to the wearing down in inductive load applications, for DC current.

Nominal power 1,5W(DC) & 2,4 VAC.

Low consumption and high response.

Protection class: IP40.

Insulation: IEC61810-1 - 2,5 Kv/3.

Pollution degree: 2.

Contact material: (Ag+ Ni)

European Patent.

Approvals: CE

RME2-FT & RME3-FT change-over contacts

Available in 2 & 3 change-over contacts with max. current 16 A - 250 VAC / 30 VDC

RMS2-FT & RMS3-FT change-over contacts with LED & button

Available in 2 & 3 change-over contacts with max. current 16 A - 250 VAC / 30 VDC

RMEA2-FT & RMEA3-FT open contacts

Power relay faston terminals, special designed for DC charge Applications with 1,5 mm GAP.

Available in 2 & 3 open contacts with max. current 16A - 250 VAC / 30 VDC & 1A - 220 VDC

RMED-FT 1 open contact with double and triple make

universal power relay faston 1 open contact double and triple make, designed with higher GAP to obtain more switching capacity for DC current in inductive charges.

RMED 1 Double make

1 open contact with double make 3A/220 VDC1 - GAP ≥ 3mm.

Available in 1 contact with max. current 16A (250VAC/30VDC)

RMET 1 Triple make

1 open contact with triple make 3A/220 VDC1 - GAP ≥ 4,5mm.

Available in 1 contact with max. current 16A (250VAC/30VDC)

*Triple make use with socket SMB31D11TFT only.

Coil ratings

Nominal voltage VDC	6	12	24	48	115	220
Resistance ($\Omega \pm 15\%$)	23,5	96	430	1,6K	9,8K	39,7K
Nominal voltage VAC	6	12	24	48	120	230
Resistance ($\Omega \pm 15\%$)	3,9	17	78	305	1,2K	6,4K

Coil values (at 25 °C)

	VDC	VAC 50HZ
Operating range	0,8 -1,1 Un	0,8 -1,1 Un
Max. drop-out voltage	≥15% Un	≥30% Un

Contacts

	RME Change over contacts	RMS Change over contacts with led and button	RMEA Open contacts	RMED Contact double make	RMET Contact triple make
Change over contacts	2C and 3C	2C and 3C	2C and 3C	1C	1C
Gap	≥ 1,5mm	≥ 1,5mm	≥ 1,5mm	≥ 3,5mm	≥ 4,5mm
Max. contact power	4.000VA / 480W	4.000VA / 480W	4.000VA / 480W	4.000VA / 480W	4.000VA / 480W
Max. current	16A (250VAC1/30VDC1)	16A (250VAC1/30VDC1)	16A (250VAC1) 1A (220 VDC1)	16A (250VAC1) 3A (220 VDC1)	16A (250VAC1) 5A (220 VDC1)
Maximum breaking capacity	110V DC -> 0,4A 220V DC -> 0,15-0,20A	110V DC -> 0,4A 220V DC -> 0,15-0,20A	110V DC -> 0,4A 220V DC -> 0,15-0,20A	110V DC -> 0,4A 220V DC -> 0,15-0,20A	110V DC -> 0,4A 220V DC -> 0,15-0,20A
Contact resistance	≤30mΩ	≤30mΩ	≤30mΩ	≤30mΩ	≤30mΩ
Contact material	Silver alloy	Silver alloy	Silver alloy	Silver alloy	Silver alloy

Specifications RF-PT

Electrical life	≥10 ⁵ cycles
Mechanical life	≥10 ⁷ cycles
Insulation resistance	≤1000MΩ(500VDC)
Operation time	≤30ms
Operation frequency	1200op/h at nominal load
Release time	≤20ms
Dielectric strength at 1mA	4.200VAC/min(between coil and contacts) 1.200VAC/min(between contacts)
Vibration resistance	10 - 50Hz (Double width 1,5mm)
Shock resistance	10g
Room temperature	-40 °C +65 °C
Room humidity	35% -85% RH
Atmospheric pressure	86 - 106 KPa
Weight	72gr
Pack units	20

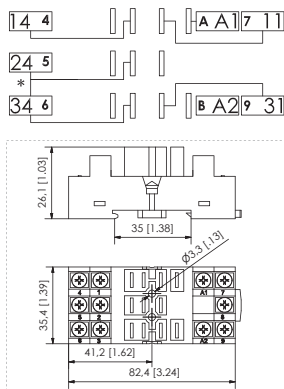


References RM-FT relays

Example: Relay RM-FT. 3 contacts, 230VAC coil voltage, with LED.

Product series RM: RM relays series	Type S: with button E: without button	Contacts number 1: 1 contact double or triple make 2: 2 contacts 3: 3 contacts	Contact material A: open contacts D: double make one contact T: triple make one contact O: change over contact	LED L: with LED N: without LED	Coil voltage 006: 6V 012: 12V 024: 24V 048: 48V 060: 60V 115: 115V (only DC) 120: 120V (only AC) 220: 220V (only DC) 230: 230V (only AC)	Series features FT: FT series power relays	Coil version AC: VAC voltage DC: VDC voltage
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Sockets SMB-FT



Features

DIN rail (35 mm) or panel mounting, T35 (EN 60715).
DIN/EN sequential numbering.
IEC / EN 61812/1/4 compliant.
Clip and label included.
Electronic modules allowed.

Specifications SMB-FT

Nominal load	10A / 400VAC
Dielectric strenght	2,5KV
Max. screw torque	1,2Nm
Screws	M3 Steel. Pozi drive
Wire in lets capacity: solid wire	4 mm ² or 2 x 2,25 mm ²
Wire in lets capacity: multi-core	22 - 14 AWG
Weight	67gr
Pack units	10

References sockets SMB-FT

SMB31D11FT000	Long black socket for 2 & 3 contacts relays
SMB31D11TFT00	Long black socket special for triple make