



Features

DIN rail (35 mm) or panel mount
 Available with module long form or without module short form.
 DIN/EN sequential numbering
 According to EN 60947

Specifications

Nominal load 10 A / 400 VAC
 Dielectric strength 2,5 KV
 Max. screw torque 1,2 Nm
 Screws M3 Steel. Pozi drive
 Wire in lets capacity solid wire 4mm² or 2x2,25mm²
 Wire in lets capacity multi-core 22 – 14 AWG

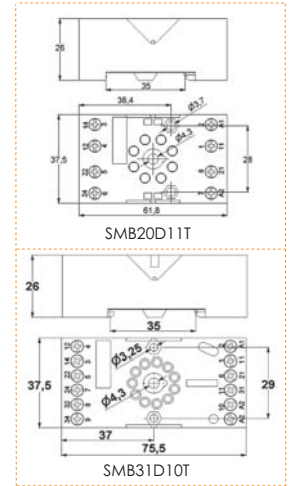


SMB21D10T

SMB31D10T



SMB30D11T



SMB20D11T

SMB31D10T

References

SMB21D10T Long sockets (module) with screw terminals for RM relays 2 contacts black.
 SMB21D11T Short sockets with screw terminals for RM relays 2 contacts black.
 SMB20D11T Short sockets with screw terminals for RM relays 2 contacts grey.
 SMB31D10T Long sockets (module) with screw terminals for RM relays 3 contacts black.
 SMB31D11T Short sockets with screw terminals for RM relays 3 contacts black.
 SMB30D11T Short sockets with screw terminals for RM relays 3 contacts grey.

Power relays RME-FT, RMEA-FT & RMED-FT



RME2AN(J)FT

RME30N(J)FT

RME3AN(J)FT

SMB31D11FT

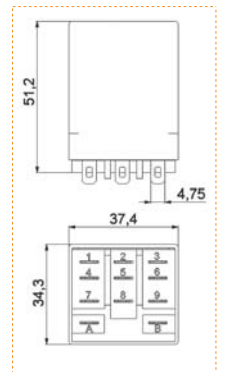
References

Relays RME-FT, and relays RMEA-FT - 2 and 3 contacts

RME20N(J)FT	Power relay 2 change - over contacts, 16 A.	VDC	06/12/24	48-110/115	220
RME2AN(J)FT	Power relay 2 open contacts, 16A, GAP 1,5mm, 1A - 220VDC	VAC	6/12/24/48	110/120-220/230	
RME30N(J)FT	3 change - over contacts, 16 A.	VDC	06/12/24	48-110/115	220
RME3AN(J)FT	Power relay 3 open contacts, 16 A, GAP 1.5mm, 1A - 220VDC	VAC	6/12/24/48	110/120-220/230	

Relays RMEA-FT - 1 open contact with double or triple make

RME1DN(J)FT	Power relay 1 open contact, double make, 16 A - 250VAC1, GAP 3mm 3A - 220VDC1	VDC	06/12/24	48-110/115	220
RME1TN(J)FT	Power relay 1 open contact, triple make, 16 A - 250VAC1, GAP 4.5mm 5A - 220 VDC1	VDC	06/12/24	48-110/115	220
		VAC	6/12/24/48	110/120-220/230	



SM - T Sockets for relays RME-FT

SMB31D11FT Sockets with screw terminals for relays RME-FT

SMB31D11TFT Special socket for relay RME1TN(J)FT triple make

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.

RME-FT 2 & 3 change over contacts

Available in 2 & 3 change-over contacts with max. current 16 A - 250 VAC / 30 VDC
 Nominal power DC 1,5 W & AC 2.4 VA.
 Low consumption and high response.
 Approvals: CE UL.

RMEA-FT 2 & 3 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 16 A - 250 VAC / 30 VDC & 1A - 220 VDC
 Nominal power DC 1,5 W & AC 2.4 VA.
 Approvals: CE UL.

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.

Double make 3A/220 VDC1 - GAP ≥ 3 mm.
 Triple make 5A/220VDC1 - GAP $\geq 4,5$ mm.

Nominal power DC 1,5 W & AC 2,4 VA.
 Approvals: CE UL.

Contacts

RME - FT 2 & 3 change over contacts

Contacts arrangement 2C & 3C
 Max. contact power 4000 VA / 480 W
 Max. voltage 250 VAC / 30 VDC
 Max. current 16 A - 250VAC1 / 30 VDC1
 Contact resistance ≤ 30 m Ω
 Contact material Silver alloy

RMEA - FT 2 & 3 open contacts

Contacts arrangement 2C & 3C
 GAP $\geq 1,5$ mm
 Max. contact power 4000 VA / 220 W
 Max. voltage 250 VAC / 220 VDC
 Max. current 16 A - 250VAC1 / 1A 220VDC1
 Contact resistance ≤ 30 m Ω
 Contact material Silver Alloy



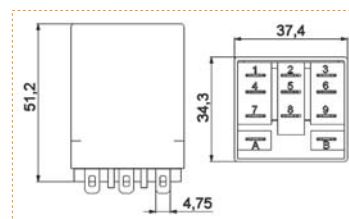
RMEA(1)FT RME1D(1)FT

RMED - FT 1 open contact with double and triple make

Models Double make (RME1D-FT) Triple make (RME1T-FT)
 Contacts arrangement 1C open contact
 GAP ≥ 3 mm (double make) $\geq 4,5$ mm (triple make)
 Max. contact power 4000 VA / 660 W 4000 VA / 1100 W
 Max. voltage ... 250 VAC / 220 VDC 250 VAC / 220 VDC
 Max. current 16 A/3A (250VAC) 16 A / 5A(250VAC1/220VDC1)
 Contact resistance ≤ 30 m Ω
 Contact material Silver alloy

Specifications

Electrical life $\geq 10^5$ cycles
 Mechanical life $\geq 10^7$ cycles
 Insulation resistance ≥ 1000 M Ω (500 VDC)
 Operating time ≤ 30 ms
 Release time ≤ 20 ms
 Dielectric strength at 1 mA 4000 VCA / 1 min. (Between coil and contacts)
 1.200 VCA / 1 min. (Between open contacts)
 Shock resistance 10 G
 Room temperature - 40° C + 65° C
 Room humidity 35% - 85% RH
 Weight 80gr.
 Pack units 20



RME(1)FT RMEA(1)FT RMED(1)FT

Coil values (at 25°C)

	VDC	VAC 50Hz
Operating range	0,8 - 1,1Un	0,8 - 1,1Un
Max. drop-out voltage	$\geq 15\%$ Un	$\geq 30\%$ Un

Coil ratings

Nominal voltage VDC	12	24	48	60	115
Resistance ($\Omega \pm 10\%$)	110	475	2000	2850	10000
Nominal voltage VAC	12	24	48	120	230
Resistance ($\Omega \pm 10\%$)	24	86	100	2000	8300

Features

High power relay designed for strong current charges applications, 1 & 2 open contacts used for up to 30 / 25A.

Available with flanges for pannel or DIN rail, and faston or screw terminals.

Nominal power DC 1,9 W & AC 2,5 VA.

Approvals: CE, UL.

Contacts

Contact arrangement	1C & 2C open contacts
Max. contact power	7500 & 6250 VAC (AC1)
Max. voltage	250 VAC
Max. current	30&25A(AC1 250V)-9A-250VAC3
Contact resistance	$\leq 50 \text{ m}\Omega$
Contact material	Silver alloy

Coil values (at 25° C)

	VDC	VAC 50Hz
Operating range	0,75 - 1,1Un	0,8 - 1,1Un
Max. drop-out voltage	$\geq 15\% \text{ Un}$	$\geq 30\% \text{ Un}$

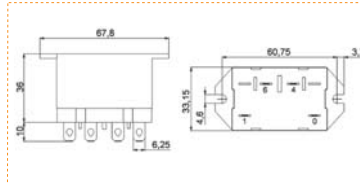
Coil ratings

Nominal voltage VDC	6	12	24	48	115	
Resistance ($\Omega \pm 10\%$)	19	75	300	1220	6360	
Nominal voltage VAC	6	12	24	48	120	230
Resistance ($\Omega \pm 10\%$)	17	65	275	1100	4730	21000

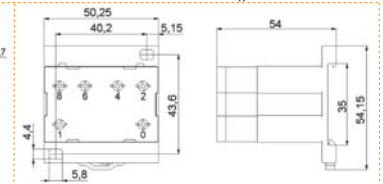
Specifications

Electrical life	$\geq 10^5$ cycles
Mechanical life	$\geq 5 \times 10^6$ cycles
Insulation resistance	$\geq 1000 \text{ M}\Omega$ (500 VDC)
Operating time	$\leq 30 \text{ ms}$
Release time	$\leq 30 \text{ ms}$
Dielectric strength at 1 mA	4000 VAC / 1 min. (Between coil and contacts) 2000 VAC / 1 min. (Between open contacts)
Vibration resistance	10 - 50 Hz (Double width 1,5 mm)
Shock resistance	10 G
Room temperature	- 40° C + 65° C
Room humidity	35% - 85% RH
Atmospheric pressure	86 - 106 KPa
Weight	90 gr (Faston terminals) 120 gr (Screw terminals)
Pack units	1

RPA1AN(J)FT



RPA2AN(J)TT



RPA1AN(J)FT



RPA2AN(J)FT



RPA2AN(J)HT



RPA2AN(J)TT

References

RPA1AN(J)FT	High power relay, 1 open contact faston and flanges 30A	VDC	06/12/24	48-110-115
		VAC	6/12/24/48	110/120-220/230
RPA2AN(J)FT	High power relay, 2 open contacts faston and flanges 25A	VDC	06/12/24	48-110-115
		VAC	6/12/24/48	110/120-220/230
RPA1AN(J)HT	High power relay, 1 open contact faston and DIN rail 30A	VDC	06/12/24	48-110-115
		VAC	6/12/24/48	110/120-220/230
RPA2AN(J)HT	High power relay, 2 open contacts faston and DIN rail 25A	VDC	06/12/24	48-110-115
		VAC	6/12/24/48	110/120-220/230
RPA1AN(J)TT	High power relay, 1 open contact screw terminals and DIN rail 30A	VDC	06/12/24	48-110-115
		VAC	6/12/24/48	110/120-220/230
RPA2AN(J)TT	High power relay, 2 open contacts screw terminals and DIN rail 25A	VDC	06/12/24	48-110-115
		VAC	6/12/24/48	110/120-220/230