

Plug-in Relays Series RM



RM732730



RM732730



Series RM



RM78705

Schrack-Info

RM2/3/7

- 2/3 poles 10/16 A, AC or DC coil
- Switching capacity up to 6000 VA
- Mechanical status indicator
- Test switch
- Plug-in or print versions, strap mounting or DIN rail mounting
- For elevator controls, mains adaptors

RM5/6

- 2/3 poles 10/16 A, AC or DC coil
- 2 NO or 3 NO
- 3 mm contact gap
- Test switch
- Plug-in or print versions, strap mounting or DIN rail mounting
- For mains adaptors, power supply units, pump control systems

RM8

- 2 poles 25 A, AC or DC coil
- 2 CO
- Mechanical status indicator
- Test switch
- Strap mounting or DIN rail mounting
- For cleaning machines, heating/cooling equipment

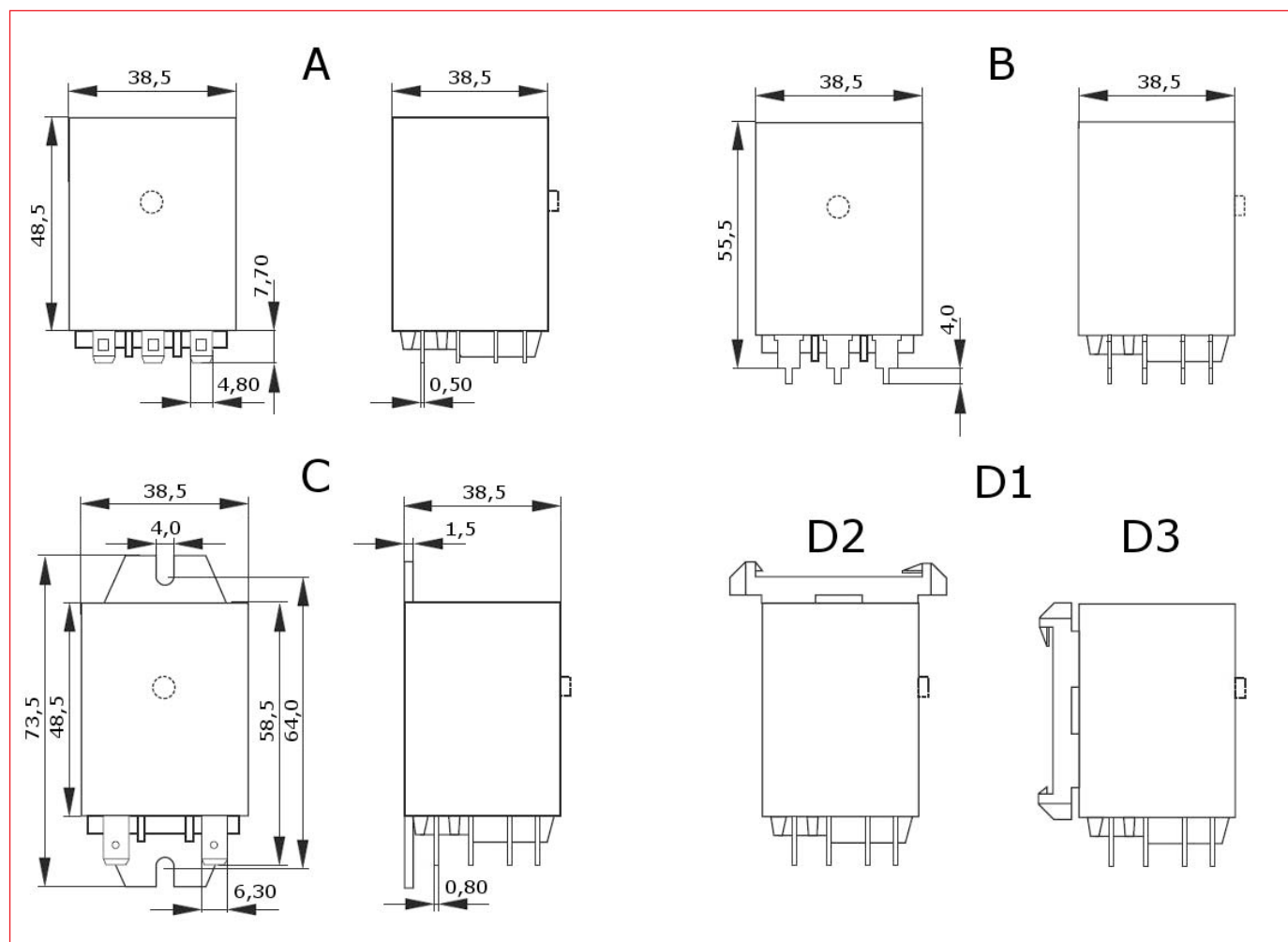
RMD

- 1 pole 30 A, AC or DC coil
- 1 NO or 1 NO & 1 NC
- Switching capacity up to 7500 VA
- Test switch
- Strap mounting
- For battery chargers, heating controls

Plug-in Relays

Plug-in Relays Series RM

Dimensions (mm)

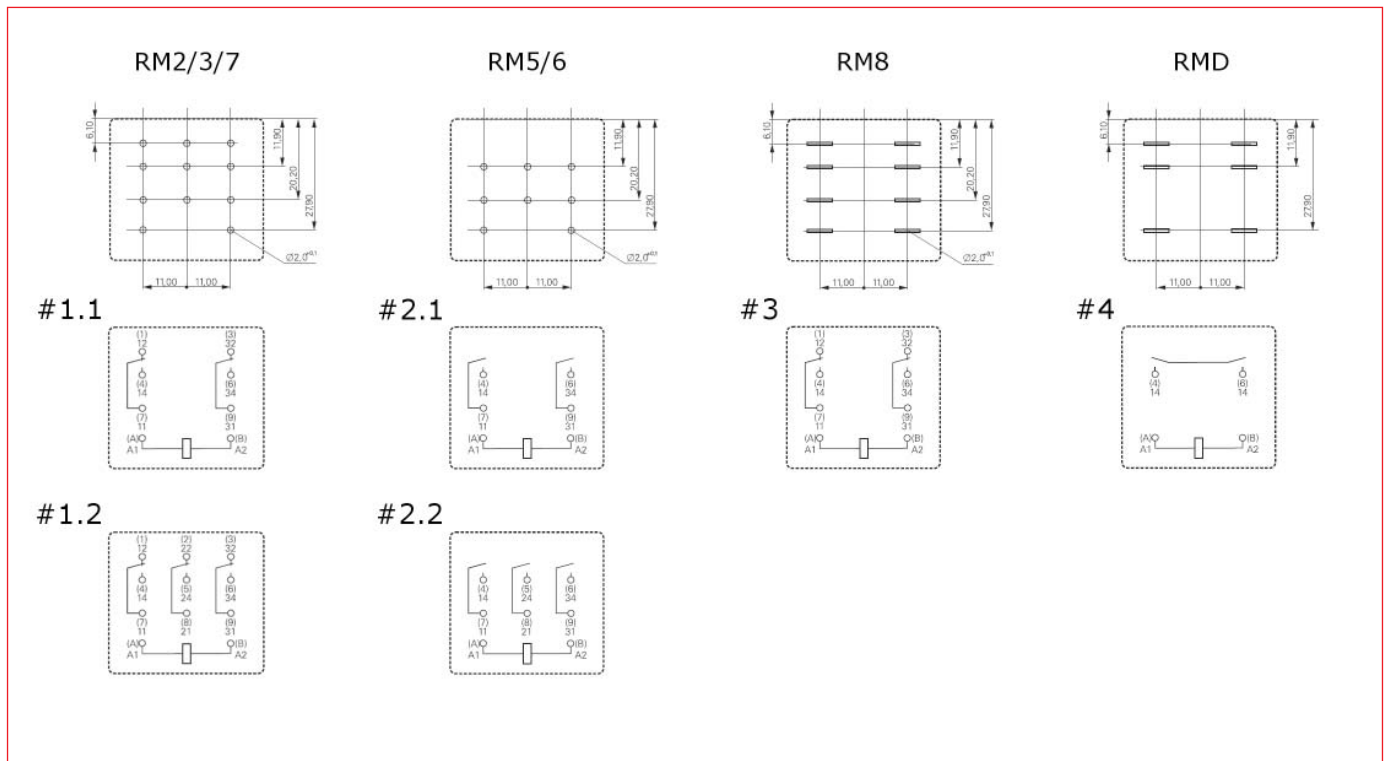


Dimensions

A	Cover without lug, plug-in connectors for plug-in socket
B	PCB version
C	Cap with mounting bracket, Faston 250 (187 possible)
D1	Cap with DIN snap mechanism (only Faston 250)
D2	Lying
D3	Standing

Plug-in Relays Series RM

Circuit Diagrams



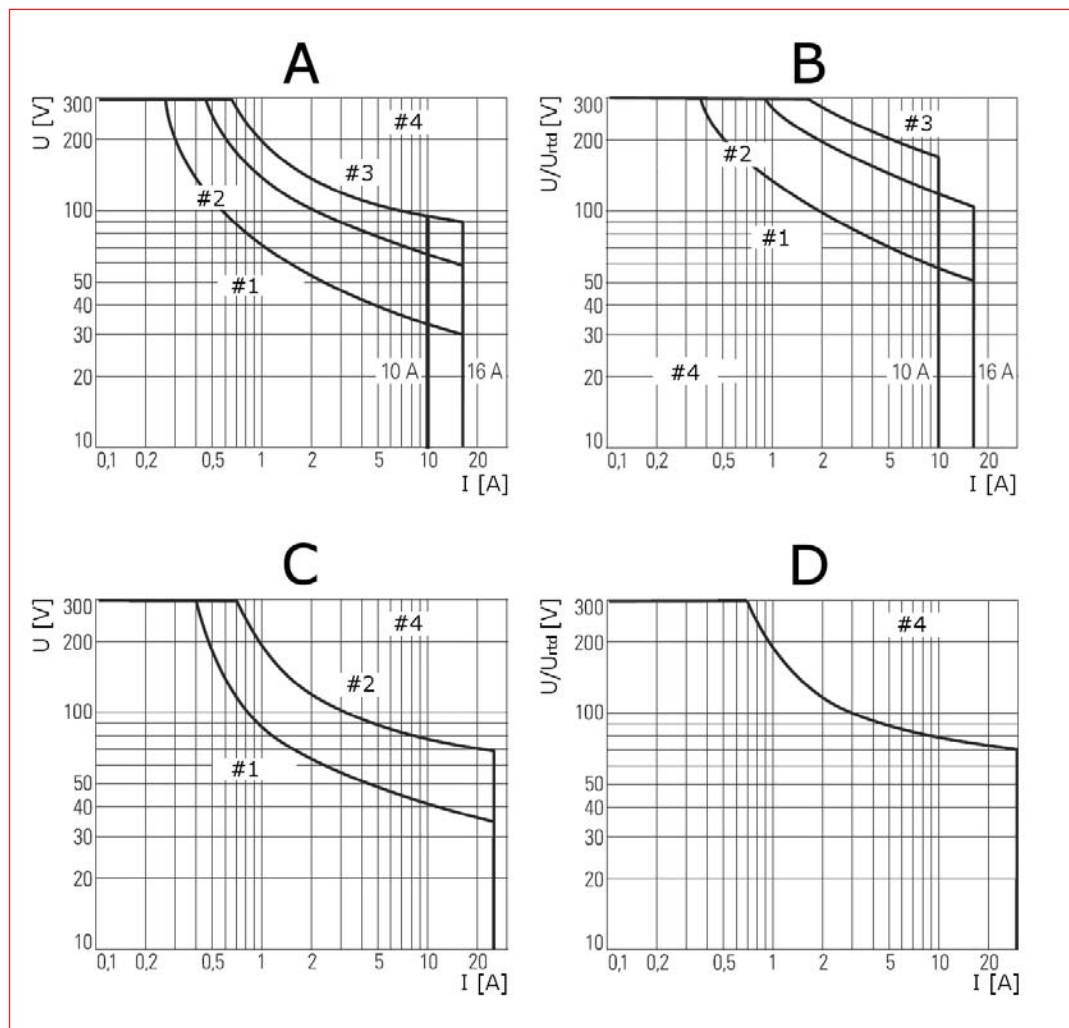
Circuit Diagrams

#1.1	2 CO
#1.2	3 CO
#2.1	2 NO
#2.2	3 NO
#3	2 CO
#4	1 NO, RMD

Plug-in Relays

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Rated Breaking Capacity



Rated Breaking Capacity

A	RM2/3/7 Max. DC rated breaking capacity
B	RM5/6 Max. DC rated breaking capacity
C	RM8 Max. DC rated breaking capacity
D	RMD Max. DC rated breaking capacity
#1	1 contact
#2	2 contacts in series
#3	3 contacts in series
#4	Resistive load
U	DC voltage in [V]
I	DC current in [A]

Plug-in Relays Series RM

Technical Data RM2/3/7

CONTACT DATA		RM2	RM3	RM7
Number of contacts and type		2 CO	3 CO	
Contact style		Single contact		
Rated current		16 A	10 A	16 A
Rated voltage/ max. switching voltage AC		400 / 440 V		
Max. rated breaking capacity AC		6000 VA	3800 VA	6000 VA
Limiting making current, max. 20 ms		40 A		
Contact material		AgCdO, AgNi90/10	AgCdO	
Minimal contact load		24 V DC/ 100 mA		
COIL DATA				
Rated voltage	DC coil	6...220 V		
	AC coil	6...400 V		
Rated power	DC coil	1.2 W	1.6 W	
	AC coil	2.3 VA	2.7 VA	
Operative range, IEC 61810		2		
Coil insulation system according to UL1446		Class 130 (B)		
Operation-/ release voltage/ coil resistance at ambient temperature 23 °C		24 V DC coil	18 V / 2.4 V / 475 Ω ± 10 %	18 V / 2.4 V / 345 Ω ± 10 %
		230 V AC coil	184 V / 69 V / 8300 Ω ± 12 %	184 V / 69 V / 7500 Ω ± 10 %

Technical Data RM5/6/8







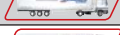



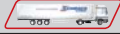



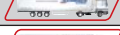



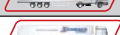


CONTACT DATA		RM5	RM6	RM8
Number of contacts and type		2 NO	3 NO	2 CO
Contact style		Single contact		
Contact gap		3 mm		-
Rated current		16 A	10 A	25 A
Rated voltage/ max. switching voltage AC		400 / 440 V	230 / 400 V	400 / 400 V
Max. rated breaking capacity AC		6000 VA	3800 VA	6000 VA
Limiting making current, max. 20 ms		30 A	25 A	60 A
Contact material		AgCdO		AgCdO, AgNi90/10
Minimal contact load		24 V DC / 100 mA		
COIL DATA				
Rated voltage	DC coil	6...220 V		
	AC coil	6...400 V		
Rated power	DC coil	1.7 W	1.2 W	
	AC coil	2.7 VA	2.7 VA	
Operative range, IEC 61810		2		
Coil insulation system according to UL1446		Class 130 (B)		
Operation-/ release voltage/ coil resistance at ambient temperature 23 °C		24 V DC coil	18 V / 2.4 V / 345 Ω ± 10 %	18 V / 2.4 V / 475 Ω ± 10 %
		230 V AC coil	184 V / 69 V / 7500 Ω ± 10 %	

Technical Data RMD

CONTACT DATA		RMD
Number of contacts and type		1 NO
Contact style		Single bridging contact
Rated current		30 A
Rated voltage/ max. switching voltage AC		400 / 440 V
Max. rated breaking capacity AC		7500 VA
Limiting making current, max. 20 ms		60 A
Contact material		AgCdO, AgNi90/10
Minimal contact load		24 V DC / 100 mA
COIL DATA		
Rated voltage	DC coil	6...220 V
	AC coil	6...400 V
Rated power	DC coil	1.2 W
	AC coil	2.7 VA
Operative range, IEC 61810		2
Coil insulation system according to UL1446		Class 130 (B)
Operation-/ release voltage/ coil resistance at ambient temperature 23 °C		24 V DC coil
		18 V / 2.4 V / 475 Ω ± 10 %
		230 V AC coil
		184 V / 69 V / 7500 Ω ± 10 %

Plug-in Relays

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DESCRIPTION	AVAILABLE	ORDER NO.
RM Relays 2 Poles		
12V-DC, 2 CO, 16A		RM2380125E
24V-DC, 2 CO, 16A		RM232024-D
24V-DC, 2 CO, 25A		RM835024
24V-DC, 2 CO, 25A		RM838024
24V-DC, 2 CO, 25A		RM839024
24V-DC, 1 NO, 30A		RMD05024
230V-AC, 2 CO, 25A		RM805730
230V-AC, 2 CO, 25A		RM8357305E
230V-AC, 2 CO, 25A		RM809730
230V-AC, 2 CO, 25A		RM839730
RM Relays 3 Poles		
24V-DC, 3 CO, 10A		RM302024-D
24V-DC, 3 CO, 10A		RM332024-D
230V-AC, 3 CO, 10A		RM3327305E
24V-DC, 3 NO, 10A		RM632024-A
24V-DC, 3 CO, 16A		RM702024-C
12V-DC, 3 CO, 16A		RM732012-C
24V-DC, 3 CO, 16A		RM732024-C
60V-DC, 3 CO, 16A		RM732060
24V-AC, 3 CO, 16A		RM732524-C
230V-AC, 3 CO, 16A		RM732730
400V-AC, 3 CO, 16A		RM732900
230V-AC, 3 CO, 16A		RM7357305E
24V-DC, 3 CO, 16A		RM738024-C
230V-AC, 3 CO, 16A		RM738730-C
230V-AC, 3 CO, 16A		RM7397305E
Socket for RM Relays, up to 16 A, for RMxx2xxx		
DIN rail mounted plug-in socket, 11 pole, up to 16A, for Faston 187		RM78705

