

Power Relay, 3 CO, 16A, 12VDC, with LED

S-RELAY series RMX, Faston 187, with LED indicator



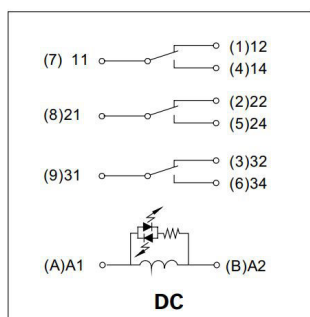
Technical Data

Min. ambient temperature (°C)	-40
Max. ambient temperature (°C)	55
Switching contacts	3 CO
Contact current (A)	16
Rated current [Resistive load] (A)	16
Rated voltage [Resistive load]	400VAC / 30VDC
Switching capacity [Resistive]	6400VA / 480W
Contact material	Ag alloy
Initial contact resistance (Ohm)	≤50mΩ
Electrical endurance (Operation cycle)	≥ 10 ⁵ operations (1800 operations/h)
Mechanical durability	≥ 10 ⁷ operations (18000 operations/h)
Pick-up voltage DC (V)	≤ 75% (Rated voltage)
Drop-out voltage DC	≥ 10% (Rated voltage)
Maximum voltage (V)	110% (Rated voltage)
Insulation resistance (MΩ*km)	≥ 100mΩ (500VDC)
Operate time [at nominal voltage] (ms)	≤ 20ms
Release time [at nominal voltage] (ms)	≤ 20ms
Initial breakdown voltage	
Between open contacts	1500VAC/1 min

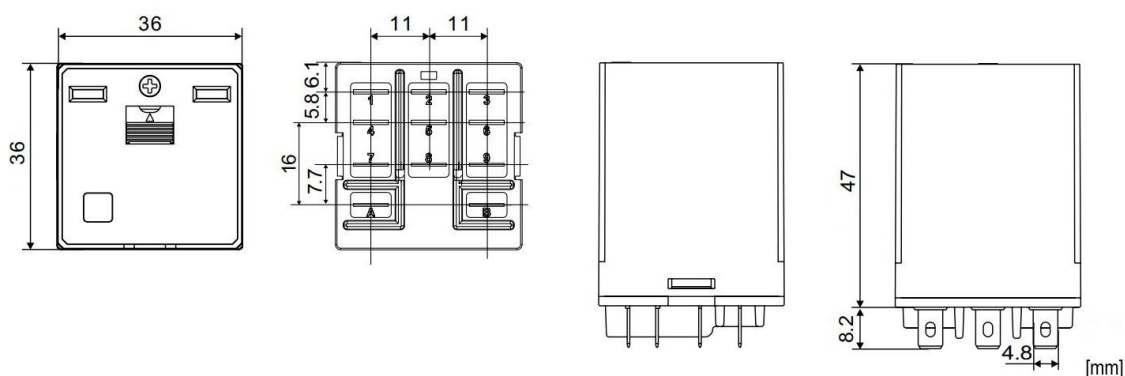
Technical Data - continued

Between poles	4000VAC/1 min
Humidity (%)	35% - 85% RH
Air pressure	86 - 106kPa
shock resistance	10G
Vibration resistance	10 - 55Hz
Coil information	
Rated voltage	12V-DC
Coil resistance	100Ω
Net weight (kg)	0,09
Power loss (W)	1,60

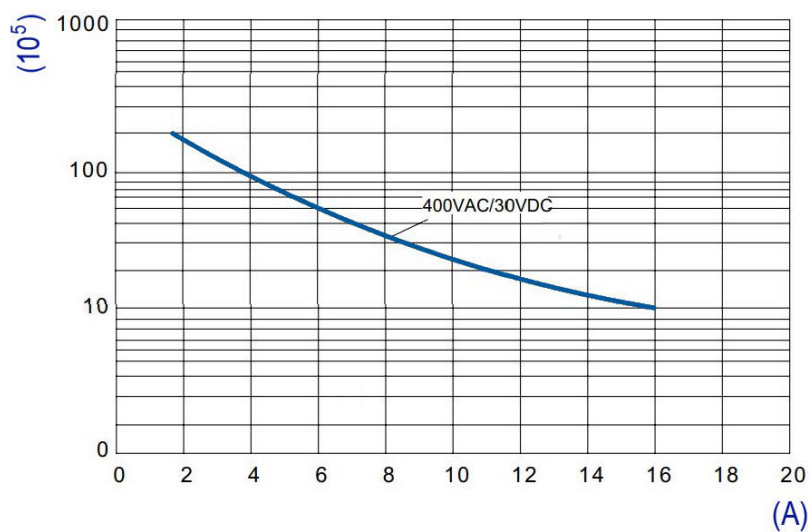
Circuit diagram: Power Relay, 3 CO, 16A, 12VDC, with LED



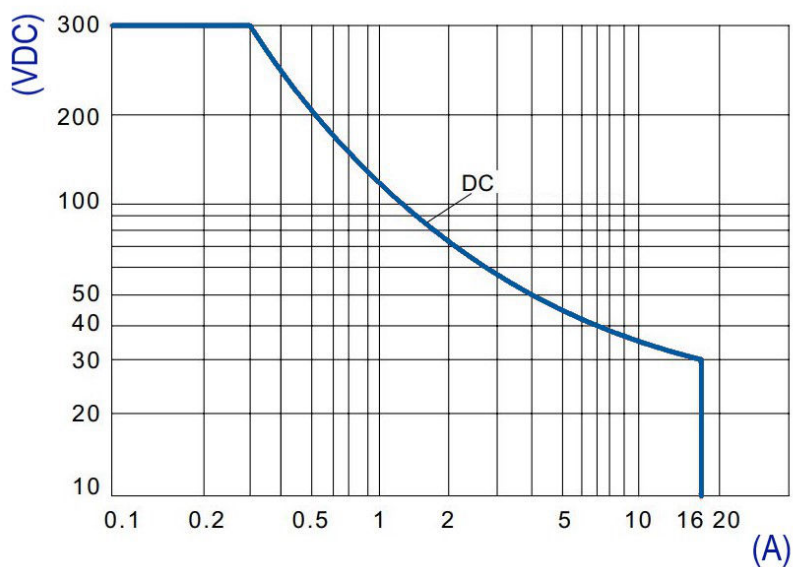
Dimensioned drawing: Power Relay, 3 CO, 16A, 12VDC, with LED



Electrical Durability Contacts - resistive load



Maximum Switching Capacity - resistive load



Article Table

DESCRIPTION	Order No.
Power Relay, 3 CO, 16A, 12VDC, with LED S-RELAY series RMX, Faston 187, with LED indicator	RMX72012
Optional Accessories	
Socket, screw connection, 11 pole, 25A for 3 pole RMX relays S-RELAY series RMX, Faston 187	RMX78705
Mounting Adapter for RMX Relay S-RELAY series RMX, with fastening to the mounting plate horizontal or vertical	RMX21803