



INSTANTANEOUS AND FUNCTION RELAYS

Latching relays 4 contacts / EPRM



EPRM



- ▶ rear wiring socket solder type/clips EXL5
- ▶ rear wiring socket / PCB mounting EXCL5
- ▶ front wiring socket with clips EVPL5-DL
- ▶ front wiring socket / screw terminals EVPL5

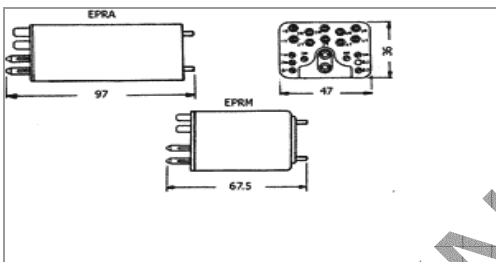
DESCRIPTION ▶

Latching with magnetic hold function and manual/mechanical unlocking - 4 CO contacts - 7 A.

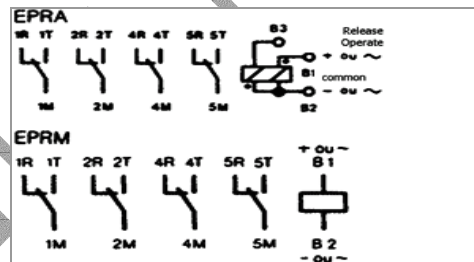
Relay pluggable on socket including a withdrawal clasp and two guide pins.

Pluggable on the following sockets : EVPL5, EVPL5-DL, EXL5, or EXCL5.

Dimensions



Connection



TECHNICAL FEATURES ▶

Function	latching with magnetic hold
Presentation	under cover
Connection	on front or rear wiring cover
Number of mechanical operations	20.000.000
Operating temperature	- 5°C to + 40°C
Storage temperature	- 40°C to + 70°C
Climatic protection	optional reinforced climatic protection
Shock voltage	3 kV (wave 1,2/50 μs)
Dielectric strength	2200 V eff
Insulation resistance	> 20.000 MOhms
Weight	40 g.
Protection level	IP40 (according to NFC 20-010)
Resistance to mechanical shocks	severity 50 A (NFC 20-608 & CEI 68-2-27)
Resistance to vibrations	0,35 mm / 10-55 Hz (NFC 20-616 & CEI 68-2-6)

COIL DATA ▶

	Direct current	Alternative current
Min. nominal voltage DC	12 V	12 V
Min. nominal voltage AC	230 V	380 V 50-60 Hz
Operating range	-20/+10% of nominal voltage	
Power requirement	operate : 3 W - mechanical manual release	

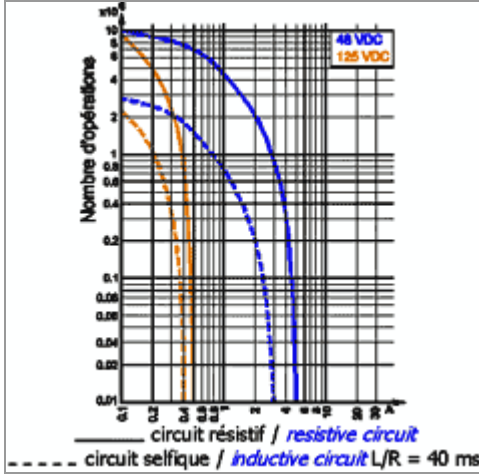
CONTACTS ▶

Number of contacts	4
Max. load current	7 A
Low power switching	0,1 VA with min voltage 1 V or I min 1 mA
Response time	DC : 3 to 8,5 ms - AC : 3 to 23 ms

CONTACTS RATING ▶

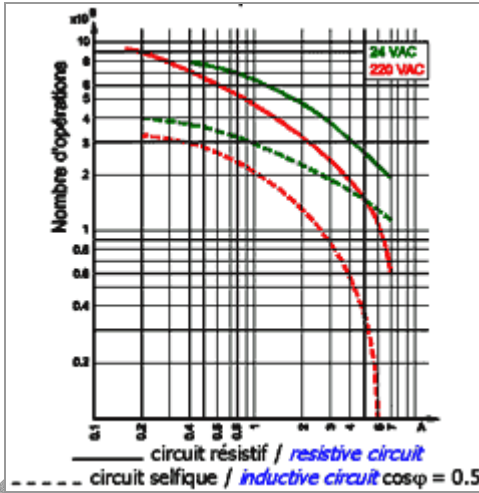
DIRECT CURRENT

connection on DC



ALTERNATIVE CURRENT

connection on AC



VERSIONS ▶

- . EPRM relay with reinforced climatic protection
- . EPRM with specific characteristics (voltage, current, frequency).

Homologations & conformities :

- * CEI 255-1-00
- * NFC 45-250

adresimiz
değişti

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