



İMAJ TEKNİK
ELEKTRİK ELEKTRONİK MALZ. SAN. VE TİC. LTD. ŞTİ

INSTANTANEOUS AND FUNCTION RELAYS

Voltage sensor relays 3 contacts / EPSL



EPSL

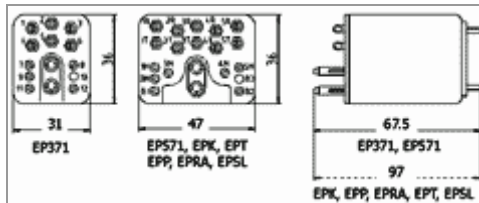
rear wiring socket solder type/clips EXL5
rear wiring socket / PCB mounting EXCL5
front wiring socket with clips EVPL5-DL
front wiring socket / screw terminals EVPL5

DESCRIPTION

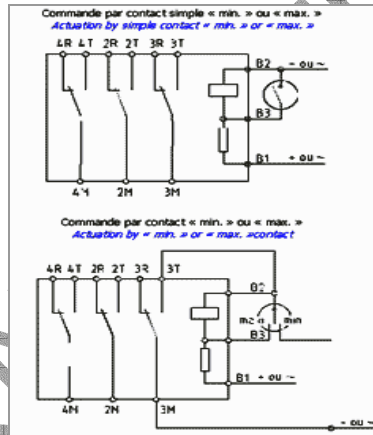
Voltage sensor relay with shunted coil - 3 CO contacts - 5 A.

Relay pluggable on a socket including a withdrawal claps and two guide pins.
Pluggable on the following sockets : EVPL5, EXCL5, or EXL5.

Dimensions



Connection



OPERATION PRINCIPLE

If operation is subject to important disturbances, an external capacitor can be added to avoid non requested actuation :

- * terminals -B2 + 1M on EPSL DC
- * terminals 61T + 1R on EPSL AC.

TECHNICAL FEATURES

Function	voltage sensor
Presentation	under cover
Connection	on front or rear wiring socket
Number of mechanical operations	30.000.000
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 50 Hz
Insulation resistance	> 20.000 MOhms
Weight	150 g.
Protection level	IP 40 (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

COIL DATA

	Direct current	Alternative current
Min. nominal voltage DC	12 V	12 V
Min. nominal voltage AC	220 V	380 V - 50 Hz
Operating range	-20/+10% of nominal voltage	
Power requirement	2 W (shunted coil) - 1 W (non shunted coil)	

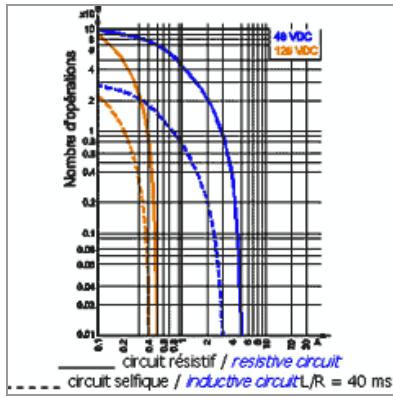
CONTACTS

Number of contacts	3
Max. load current	5 A
Low power switching	0,1 VA with min voltage 1 V or I min 1 mA
Response time	DC > 21 ms - AC < 17 ms

CONTACTS RATING

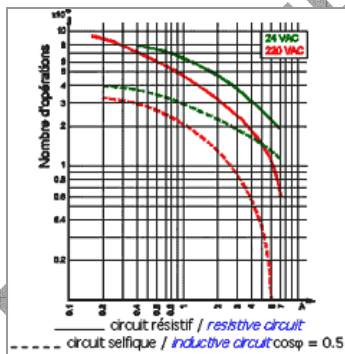
DIRECT CURRENT

connection on DC



ALTERNATIVE CURRENT

connection on AC



VERSIONS

- . EPSL relay with reinforced climatic protection
 - . EPSL relay with specific characteristics (voltage, frequency)
- Homologations & conformities :
- * CEI 255-1-00
 - * NFC 45-250

adresimiz
değişti

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