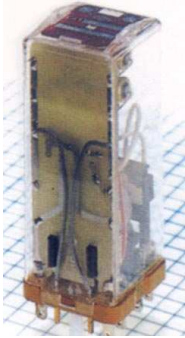




İMAJ TEKNİK
ELEKTRİK ELEKTRONİK MALZ. SAN. VE TİC. LTD. ŞTİ

INSTANTANEOUS AND FUNCTION RELAYS

Timer relays 2 contacts / CAT



CAT

rear wiring socket with clips ERDL2/CA
rear wiring socket / PCB mounting ERC2/CA
front wiring socket / screw terminals EVB2/CA

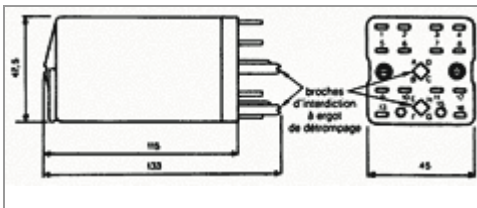
DESCRIPTION

Fixed timing relay (1 s) with capacitor - 2 CO contacts - 8 A.

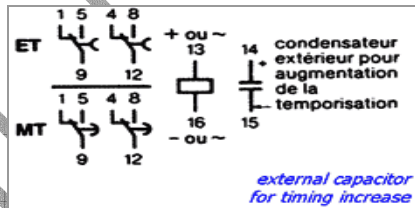
Pluggable on socket with a withdrawal clasp and square guide pins which can act as a key to ensure that the correct relay is used at the correct voltage (**see our withdrawal guide in the technical support pages of this site**)

Pluggable on the following sockets : EVB2/CA, ERC2/CA or ERDL2/CA

Dimensions



Connection



OPERATION PRINCIPLE

Functions :

- * **ET - timed on voltage application**
- * **MT - timed on voltage lack**

Timing : 1 s

operation accuracy : +/- 50%

Fidelity at nominal voltage at 20°C : 20%

TECHNICAL FEATURES

| | |
|---------------------------------|--|
| Function | timer (ET, MT) |
| Presentation | under cover |
| Connection | on front or rear wiring socket |
| Number of mechanical operations | 35.000.000 |
| Operating temperature | - 5°C to + 40°C |
| Storage temperature | - 40°C to + 70°C |
| Climatic protection | optional reinforced climatic protection |
| Shock voltage | 5 KV (wave 1,2/50 µs) |
| Dielectric strength | 2200 V eff |
| Insulation resistance | NFC 45-202 : C380 - VDE0110 : C500 |
| Weight | 200 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 |
| Operate time | min power supply duration : 500 ms |
| Release time | recycling time : 250 ms |

COIL DATA

| | Direct current | Alternative current |
|-------------------------|-----------------------------|---|
| Min. nominal voltage DC | 24 V | 24 V |
| Min. nominal voltage AC | 220 V | 380 V - 50/60 Hz (380 V only for ET function) |
| Operating range | -20/+10% of nominal voltage | |
| Power requirement | 0,5 to 1,8 W | |

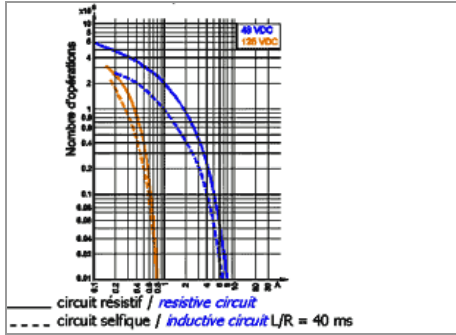
CONTACTS

| | |
|---------------------|---|
| Number of contacts | 2 |
| Max. load current | 8 A per contact |
| Low power switching | 0,1 VA with min voltage 1 V or I min 1 mA |

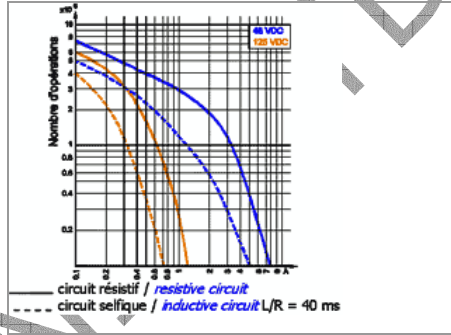
CONTACTS RATING

DIRECT CURRENT

power supply in AC - connection on DC

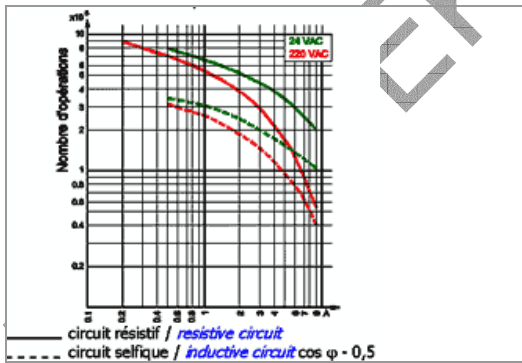


power supply in DC - connection on DC



ALTERNATIVE CURRENT

power supply in AC or DC - connection on AC



VERSIONS

- . CAT relay with reinforced climatic protection
- . CAT relay with high contacts rating

Homologations & conformities :

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



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