



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

INSTANTANEOUS AND FUNCTION RELAYS

Timer relays 3 contacts / GAT



GAT



- ▶ rear wiring socket with clips ER/GE 2.8
- ▶ rear wiring socket / PCB mounting ER/GE
- ▶ front wiring socket with clips EVC/GE
- ▶ front wiring socket with clips 9876
- ▶ front wiring socket / screw terminals EVB/GE
- ▶ front wiring socket / screw terminals 9877

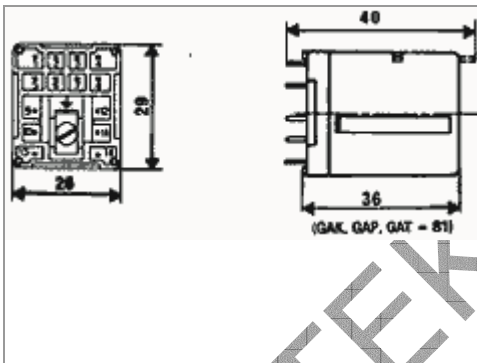
DESCRIPTION ▶

Electronic adjustable timer relay - Timing fro 0.2 to 1500 s in 4 ranges - 3 contacts (GAT-MT) or 4 contacts (GAT-ET) - 3 A.

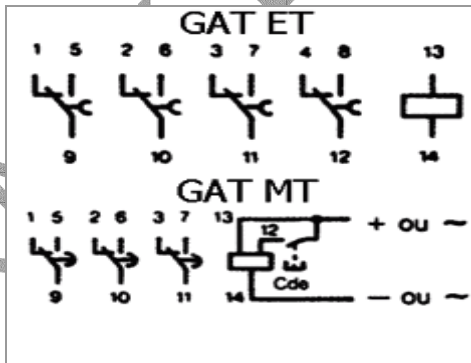
Pins at the standard pitch of 2.54 mm.

GAT relay is pluggable on the following sockets : EVB/GE, 9877, EVC/GE, 9876, ER/GE 2.8, or ER/GE.

Dimensions



Connection



OPERATION PRINCIPLE ▶

Functions :

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

Short timing :

- * range A : 0.2 to 2.5 s
- * range B : 2 to 20 s

Long timing :

- * range A : 15 to 180 s
- * range B : 120 to 1500 s

- Operation accuracy : + or - 10%
- Fidelity : 2% in DC
- Recyclig time : 20 ms
- Minimum power supply duration in MT function : 20 ms in DC - 50 ms in AC

Relay equipped in its standard version with a timing range selector on front face and a red LED indicating the status of the timed contacts.

TECHNICAL FEATURES ▶

Function	timer (ET-MT)
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
Dielectric strength	2000 V eff-50 Hz
Insulation resistance	> 200.000 MOhms
Weight	70 g.
Protection level	IP30 (according to NFC 20-010)
Resistance to mechanical shocks	severityé 50 A (NFC 20-608)
Resistance to vibrations	frequency range : 10-55 Hz (NFC20-616)

COIL DATA

	Direct current	Alternative current
Min. nominal voltage DC	24 V	24 V
Min. nominal voltage AC	220 V	230 V
Operating range	-20/+10% of nominal voltage	
Power requirement	2 W (3,5 W in 220 VDC)	

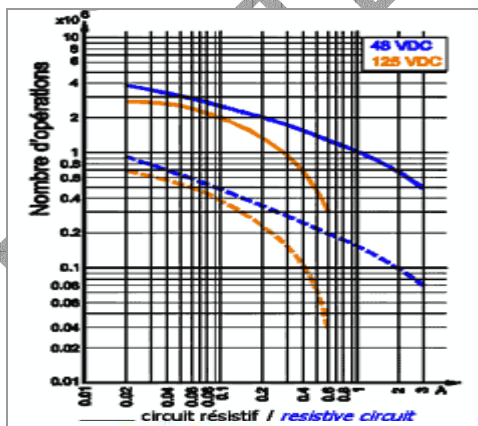
CONTACTS

Number of contacts	3/4
Max. load current	3 A
Low power switching	0,1 VA with min voltage 1 V and/or I min 1 mA

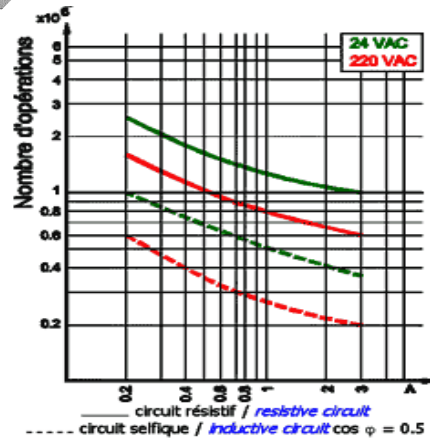
CONTACTS RATING

DIRECT CURRENT

connection on DC



ALTERNATIVE CURRENT connection on AC



VERSIONS

. GAT relay with timing up to 3600 s
Homologations & conformities :

NFC 45-250



Emekyemez Mah.Yüksek Minare Sk. No:8 / 17
80020 Karaköy / İstanbul
Tel:212/2359535
Fax:212/2359537