



## INSTANTANEOUS AND FUNCTION RELAYS

Low level relays 4 contacts / GFN



### GFN

- ▶ 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

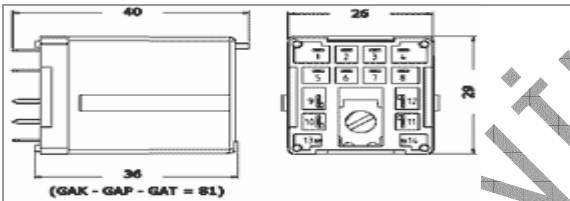
#### DESCRIPTION

**Compact sealed instantaneous relay.**

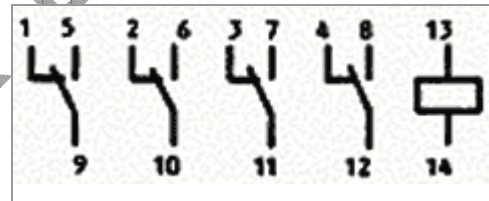
Pluggable on socket. Pins at the standard pitch of 2.54 mm.

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

#### Dimensions



#### Connection



#### TECHNICAL FEATURES

Function	Instantaneous
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 (coil/contacts)-2500 V eff-50 Hz
Insulation resistance	> 200.000 MOhms
Weight	40 g.
Protection level	IP674 (according to NFC 20-010)
Resistance to mechanical shocks	severity 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	6 V	6 V
Min. nominal voltage AC	125 V	230 V 50 Hz
Operating range	-20/+10% of nominal voltage	
Power requirement	1,2 W	2,3 VA 1,5 VA

**CONTACTS**

Number of contacts	4
Max. load current	3 A per contact
Low power switching	0,01 VA with min voltage 1 V and/or I min 1 mA
Response time	DC < 12 ms - AC < 15 ms

**VERSIONS**

Homologations & conformities :

- \* HS45S25 - C3a et C3b
- \* CEI 255-1-00
- \*NFC 45-250 & 20-618 (solderability)



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