



## INSTANTANEOUS AND FUNCTION RELAYS

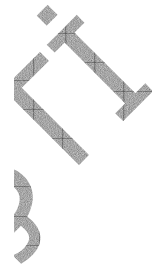
Instantaneous relays 4 contacts / 1728



**TEC**

**1728**

- ▶ rear wiring socket with clips 9723
- ▶ front wiring socket / screw terminals 9705



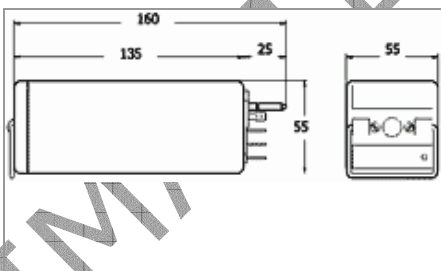
### DESCRIPTION

**Fast action instantaneous relay with magnetic arc blowing - 4 CO contacts.**

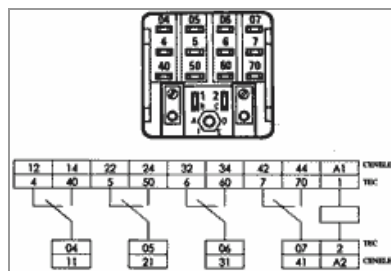
Pluggable on front wiring socket (9705) or rear wiring socket (9723)

**Detailed table of coil resistance data is available in the technical support pages of this site or can be sent upon request.**

### Dimensions



### Connection



### OPERATION PRINCIPLE

The 1728 relay is a specially designed "fast action relay" equipped with 4 x 10 A CO contacts. The basic design is made of two relays included in one relay dust cover :

- one 1804 relay giving fast action  $< \text{ or } = 4 \text{ ms}$  of the 4 NO contacts (qualified EDF HN 45S25 cl. 2a)
- one 1783 relay, with magnetic arc blowing, for heavy contacts characteristics (breaking capability) - qualified EDF HN 45S25 cl. A1.

## TECHNICAL FEATURES

Function	instantaneous fast action
Presentation	under cover
Connection	on front or rear wiring socket
Number of mechanical operations	1.000.000
Operating temperature	- 10 to + 55°C
Storage temperature	- 40°C to + 80°C
Climatic protection	reinforced climatic protection
Shock voltage	4 KV wave 1,2/50 microseconds
Dielectric strength	2.500 V - 50 Hz - 1 mn.
Insulation resistance	1.000 MOhms (500 VDC new relay)
Weight	500 g.

## COIL DATA

	Direct current	Alternative current
Min. nominal voltage DC	48 V	
Min. nominal voltage AC	220 V	
Operating range	-20/+10% of nominal voltage	
Power requirement	6 W / 100 ms on operate - 4 W permanent	

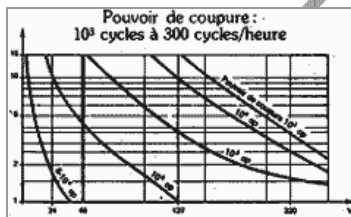
## CONTACTS

Number of contacts	4
Contacts material	silver alloy with gold flash
Max. load current	10 A per contact
Short-circuit load	100 A / 30 ms
Response time	CT < 4 ms - CR < 20 ms

## CONTACTS RATING

### DIRECT CURRENT

resistive load

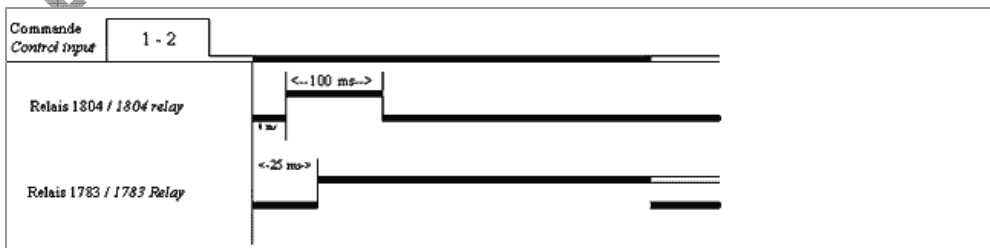


inductive load - L/R = 50 ms



## OPERATION DIAGRAM

voir principe de fonctionnement



## VERSIONS

Contact us



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