

# RELAIS INSTANTANÉS ET DE FONCTION

4 contacts



TEC

1783

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

## Others models

1246  
1301  
1728  
1753  
▶ **1783**  
1804  
1848  
2246  
2448  
BA  
CAA 72  
CAAI  
CARA  
CS  
GE

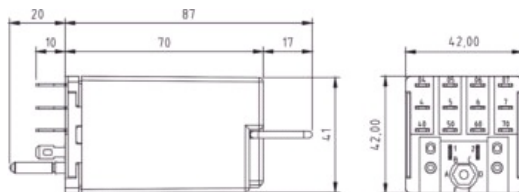
## ► Description

**Instantaneous relay - 4 CO contacts - 15 A with magnetic blowing.**

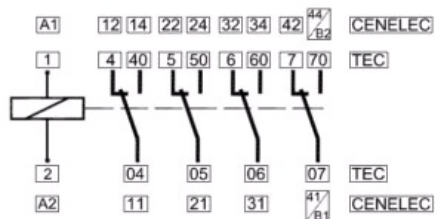
Pluggable on front wiring socket (9705) or rear wiring socket (9723)

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

## ► Dimensions



## ► Connection



## ► Technical features

<b>Function</b>	Instantaneous
<b>Presentation</b>	under cover
<b>Connection</b>	on front or rear wiring socket
<b>Number of mechanical operations</b>	15.000.000
<b>Operating temperature</b>	- 25 to + 55??C

<b>Storage temperature</b>	- 40??C to + 85??C
<b>Climatic protection</b>	reinforced climatic protection
<b>Shock voltage</b>	50 g - 11 ms
<b>Dielectric strength</b>	2,5 KV - 50 Hz
<b>Insulation resistance</b>	> or = 1.000 MOhms (500 VDC)
<b>Weight</b>	210 g.

### ► Coil data

	<b>Direct current</b>	<b>Alternative current</b>	
<b>Min. nominal voltage DC</b>	6 V	6 V - 50 or 60 Hz	
<b>Min. nominal voltage AC</b>	220 V	380 V - 50 or 60 Hz	
<b>Operating range</b>	-20/+10% of nominal voltage		
<b>Power requirement</b>	4 W	11 VA	6 VA

### ► Contacts

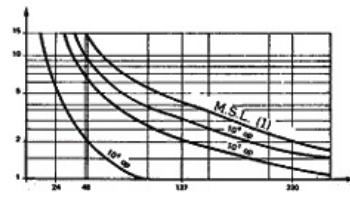
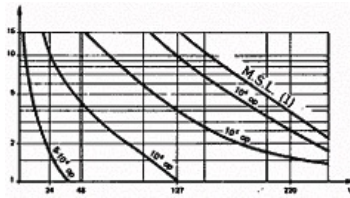
<b>Number of contacts</b>	4
<b>Max. load current</b>	15 A per contact
<b>Low power switching</b>	200 mVA with min. voltage 5 V or I Min 10 mA
<b>Short-circuit load</b>	250 A / 30 ms
<b>Response time (bounce time not included)</b>	DC < 30 ms - AC < 35 ms
<b>Bounce time</b>	DC < 10 ms - AC < 16 ms

### ► Contacts rating

#### DIRECT CURRENT

resistive load

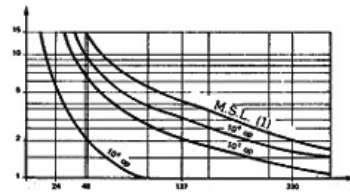
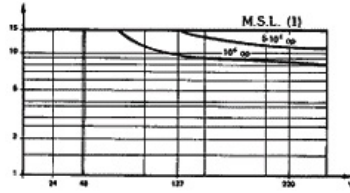
inductive load - L/R = 40 ms



## ALTERNATIVE CURRENT

resistive load

inductive load -  $\cos \phi = 0,5$



## ▸ Versions

Following options are available with 1783 relay : mechanical indicator, test push-button, withdrawal. It can also bear CENELEC numbering. All options to be mentioned on the order.

**Contact us**

**Non-contractual document** - characteristics to be confirmed before order  
**TEC AUTOMATISMES reserves the right to modify description and specifications without notice**