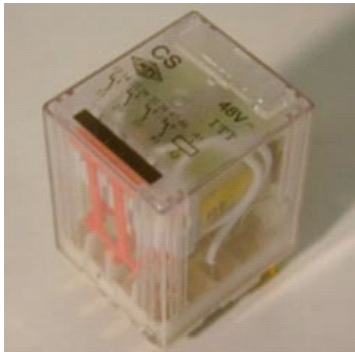


RELAIS INSTANTANÉS ET DE FONCTION

4 contacts



CS

- rear wiring socket with clips SRDL 4.8
- rear wiring socket / PCB mounting SRC
- front wiring socket with clips SVDL
- front wiring socket with clips SPVDL
- front wiring socket / screw terminals SVB
- front wiring socket / screw terminals SPVB

Others models

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

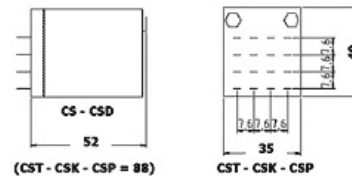
▶ Description

Instantaneous industrial relay conformint to CEI international standards.

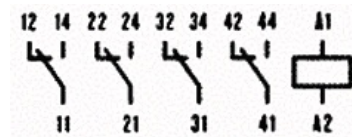
CS relay is equipped in its standard version of : a locking system with elastic clips located on the basis and clasps on the cover, two hexagonal withdrawal clasps permitting up to 36 possibilities, a removable label-holder on front face and a mechanical indicator.

Pluggable on the following sockets : SVB, SPVB, SVDL, SPVDL, SRDL 4,8 et SRC.

▶ Dimensions



▶ Connection



▶ Operation principle

Contacts rating in DC :

- * resistive load 0,5 A - 48 V : > 10.000.000 operations
- * resistive load 0,5 A - 125 V : > 5.000.000 operations
- * inductive load L/R 40 ms - 3A x 24 V or 1 A x 48 V or 4 A x 125 V : > 300.000 operations.

Contacts rating in AC :

- * resistive load I = 6 A - 220 V : 500.000 operations
- * inductive load I = 4A - cos phi 0,5 - 220 V > 500.000 operations.

▶ Technical features

Function	Instantaneous
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Presentation	under cover
Connection	on front or rear wiring socket
Number of mechanical operations	20.000.000
Operating temperature	- 10 to + 55°C
Storage temperature	- 40 to + 85°C
Climatic protection	optional reinforced climatic protection
Shock voltage	5 KV (wave 1,2/50 µs)
Dielectric strength	2500 V eff 50 Hz
Insulation resistance	C250 V (according to NFC 45-202 & VDE 0110)
Weight	100 g.
Protection level	IP 40 (according to NFC 20-010)
Resistance to mechanical shocks	severity 50 A (NFC 20-610 & CEI 682-25/Test Ea)
Resistance to vibrations	frequency range 10-55 Hz, 0,35 mm crest

► Coil data

	Direct current	Alternative current	
Min. nominal voltage DC	12 V	24 V	
Min. nominal voltage AC	220 V	380 V - 50 Hz.	
Operating range	-20/+10% of nominal voltage		
Power requirement	2 W + or - 10%	3 VA + or - 10%	

► Contacts

Number of contacts	4
Max. load current	6 A per contact
Low power switching	100 mW with min voltage 1 V ou I min 1 mA

Response time (bounce time not included)	DC < 21 ms - AC < 21 ms
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► Versions

- . CS relay 60 Hz
- . CS relay with other voltages
- . CS relay with internal protection by Gemov or diode.

Homologations & conformities :

- * CEI 255-1-00
- * NFC 45-250 & 45-251
- * HN 45S25-B2-CR HM63/8196 & CR HM63/8562 (resistance to seisms for relays 48 and 125 V)

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