



## INSTANTANEOUS AND FUNCTION RELAYS

### Latching relays 4 contacts / CSD4



#### CSD4

- ▶ 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

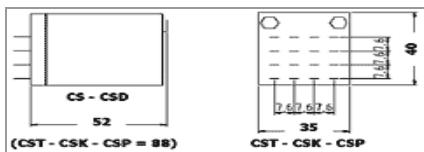
#### DESCRIPTION ▶

**Latching relay with magnetic hold - 4 CO contacts - 6 A. Direct power supply in AC or DC permanently or through an impulse.**

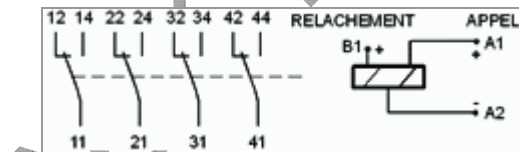
CSD4 relay is equipped in its standard version of : a locking system with elastic clips on the basis and calspns on the cover, two hexagonal withdrawal clasps permitting up to 36 possibilities, a removable label-holder and a mechanical indicator.

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	latching
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	3 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	12 V
Min. nominal voltage AC	220 V	230 V
Operating range	-20/+10% of nominal voltage	
Power requirement	operate : 2,5 W - Release : 0,3 W (U<70 V) 0,7 W (	

**CONTACTS**

Number of contacts	4
Max. load current	6 A per contact
Low power switching	100 mW with min voltage 1 V or I min 1 mA
Response time	DC < 8,5 ms - AC < 23 ms

**VERSIONS**

. CSD4 relay with specific voltages.



İMAJTEKNİK