

INSTANTANEOUS AND FUNCTION RELAYS

Voltage sensor relays 2 contacts / 2382



TEC

2382

- ▶ rear wiring socket with clips 9246
- ▶ rear wiring socket with clips 9243
- ▶ rear wiring socket / PCB mounting 9244
- ▶ front wiring socket with clips 9946-20
- ▶ front wiring socket / screw terminals 9946-10



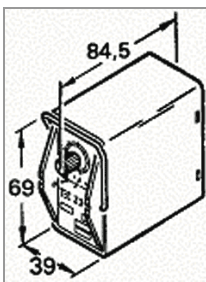
DESCRIPTION

Voltage sensor relay for over voltage monitoring - 2 CO contacts - 10 A.

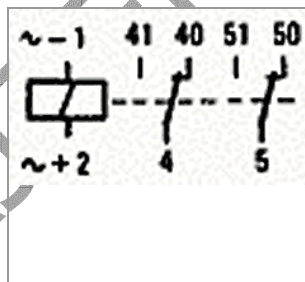
Pluggable on the following sockets : 9244, 9246, 9243 & 9946.

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



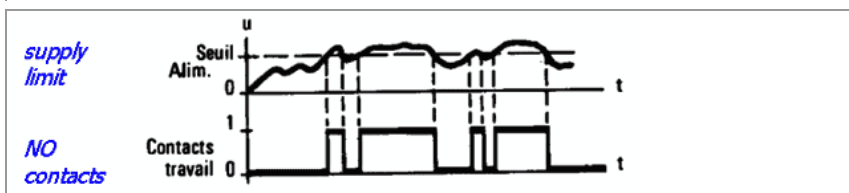
OPERATION PRINCIPLE

2382 relay is an over voltage monitoring relay.

Adjustment is made by potentiometer on front face.

See the scheme hereafter.

PLAN



TECHNICAL FEATURES

Function	over voltage monitoring
Presentation	under cover
Connection	on front or rear wiring socket
Number of mechanical operations	10.000.000
Operating temperature	- 25 to + 60°C
Storage temperature	- 40 to + 80°C
Climatic protection	optional reinforced climatic protection
Shock voltage	50 g - 11 ms
Dielectric strength	2,5 KV - 50 Hz - 1 mn
Insulation resistance	> 200 MOhms (500 VDC - new relay)
Weight	130 g

COIL DATA

	Direct current	Alternative current
Min. nominal voltage DC	24 V	24 V
Min. nominal voltage AC	220 V	220/230 V
Operating range	0,7 nominal voltage to nominal voltage	
Power requirement	relay : 2,2 W - electronics : 1 W	

CONTACTS

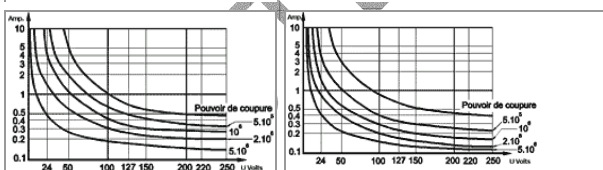
Number of contacts	2
Contacts material	silver alloy with gold flash
Max. load current	10 A per contact
Low power switching	150 mVA with min. voltage 5 V or I min 10 mA
Short-circuit load	250 A - 30 ms
Response time	0,5 s

CONTACTS RATING

DIRECT CURRENT

resistive load

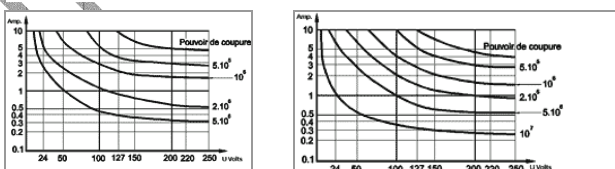
inductive load L/R = 20 ms



ALTERNATIVE CURRENT

resistive load

inductive load cos phi = 0.7



VERSIONS

Reinforced climatic protection is proposed as an option.

For any complementary information regarding mounting and withdrawal, please refer to the technical support pages of this site or contact us. İMAJTEKNİK www.imajteknik.com



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