



**İMAJ TEKNİK**  
ELEKTRİK ELEKTRONİK MALZ. SAN. VE TİC. LTD. ŞTİ

## INSTANTANEOUS AND FUNCTION RELAYS

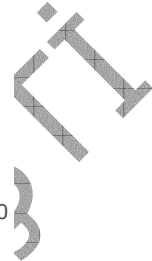
### Voltage sensor relays 2 contacts / 2381



**TEC**

**2381**

- ▶ 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



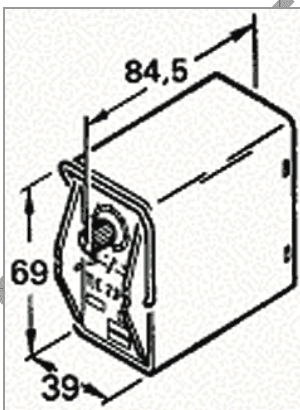
#### DESCRIPTION

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

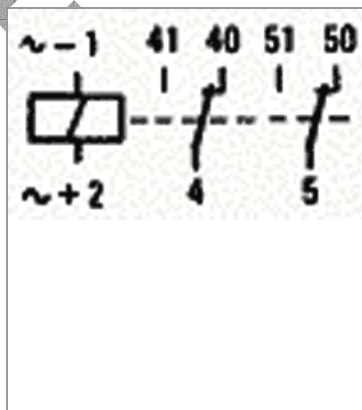
Pluggable on the following sockets : 9244, 9246, 9243 & 9946.

**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



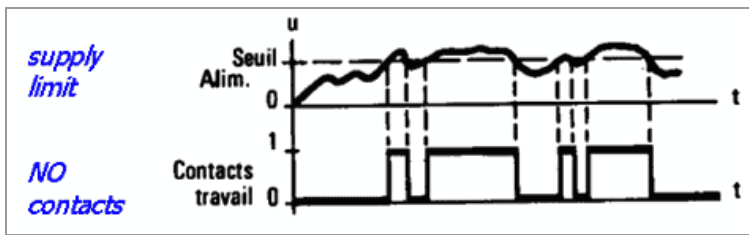
#### OPERATION PRINCIPLE ▶

2381 relay is an under voltage monitoring relay.

Adjustment is made by potentiometer on front face.

[See the scheme hereafter](#)

## PLAN



## TECHNICAL FEATURES

Function	under 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 of nominal voltage to nominal voltage	
Power requirement	relay : 2,2 W - electronics : 1 W	

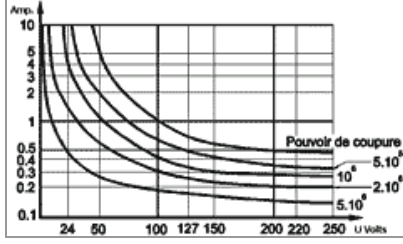
## CONTACTS

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

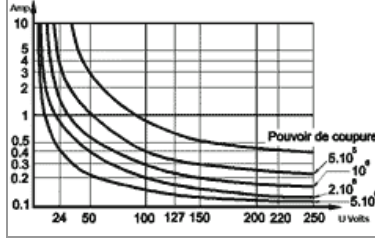
## CONTACTS RATING

### DIRECT CURRENT

resistive load

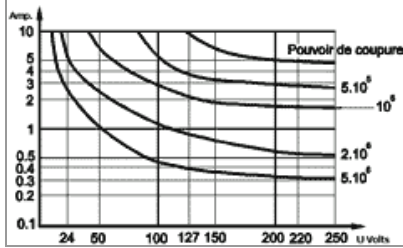


inductive load L/R = 20 ms

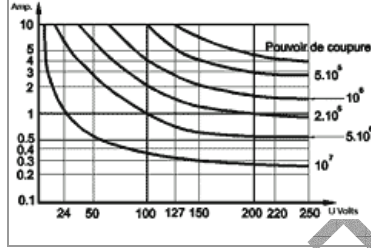


### ALTERNATIVE CURRENT

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 LTD ŞTİ [www.imajteknik.com](http://www.imajteknik.com)

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