

Industrial Relay



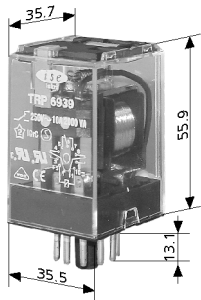
IR 02i  
230 V AC / 24 V AC / 24 V DC  
- 3 changeover contacts

- manual test button
- mechnaical operating status indication
- LED indication
- for 11 pole socket

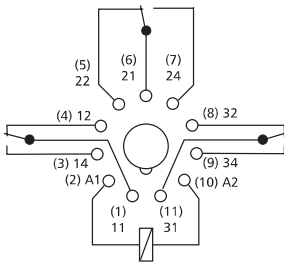
Part Numbers

110 250 05 13 09 05	230 V AC
110 250 10 13 09 05	24 V AC
110 250 25 13 09 05	24 V DC - free wheeling diode

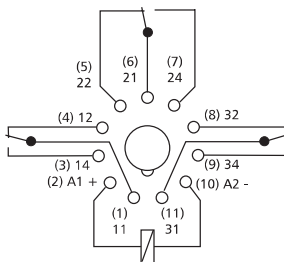
Housing Dimensions



Wiring - AC



Wiring - DC



Description

Sturdy power relay for industrial use. AC or DC operation with 3 changeover contacts. 11 pole socket per international standards. The relay is dustproof and complies with protection type IP 40 according to DIN 40050. The insulated components are made of self-extinguishing plastics.

The relay is provided with a manual test button, a mechanical operating status indication and a LED (free-wheeling diode for 24 V DC series).

Technical Data

Input	nominal voltage $U_N$	230 V AC, 24 V AC, 24 V DC
	current consumption max.	
	230 V AC	10 mA
	24 V AC	94 mA
	24 V DC	51 mA
	power consumption max.	
	AC coil	typ. 2 VA
	DC coil	typ. 1.3 W
	operating voltage range	0.9 ... 1.3 x $U_N$
	duty cycle	100 %
Output	response / release time	20 / 15 ms
	operating temperature range	-25 °C ... +50 °C
	storage temperature range	
	special feature	manual test button
	output contact	3 changeover contacts
	switching voltage max.	250 V AC
	contact material	AgCdO
	continuous current	10 A
	contact fuse	10 A
	electrical endurance	1x10 <sup>5</sup> switching cycles
Housing	permissible switching frequency	3000 switching cycles/h
	isolation per IEC 664/VDE 0110	
	rated voltage	250 V
	overvoltage category	III
	pollution degree	3
	test voltage coil/contact	2500 V AC, 50 Hz 1 min
	mounting position	any
	weight	80 g
	housing dimensions WxHxL	35.5 x 56 x 35.7 mm
	inflammability class	UL 94 V-0