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## PK-1P

### ELECTROMAGNETIC RELAY



www.fif.com.pl

F&F products are covered by an 24 months warranty from date of purchase

#### PURPOSE

Electromagnetic relay in single-module casing intended for direct assembly on the rail TH-35.

#### FUNCTIONING

Application of the supply voltage to the coil of relay will cause switch joints in positions 11-12. This is indicated by shine a green LED. After the outage, the power joints back in positions 11-10.

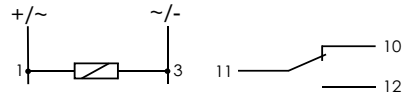
#### ASSEMBLY

1. Take OFF the power.
2. Put on relay on the rail in the switchgearbox.
3. Connect to system with wiring diagram

#### TECHNICAL DATA

standard no.	IEC 61095
supply	
connection current	$I_e=16A$
heat current	$I_m=16A$
connection voltage	$U_e=250V$
joints	1P
usage category	AC-7a
isolation voltage	400V
voltage surge resistor	joint-coil 2.5kV
separate current circuits	3.6kV
joint gap	1.2kV
pollution level	3
safety label	B16(16A)
overvoltage capacity	3kV
coil voltage	$U_c=12V AC/DC$
voltage of control circuit	$U_s=12V AC/DC$
security sign	B
protection level	IP20
activation time	max. 40ms
turn-off time	max. 20ms
mechanical life	min $5 \times 10^6$ cycles
current consumption	25mA
voltage indicator	LED
connection	screw terminals 2.5mm <sup>2</sup>
working temperature	-25+50°C
dimensions	1 module (18mm)
fixing	on the rail TH-35

#### WIRING DIAGRAM



A090805