



ul. Konstytucyjna 79/81  
95-200 Pabianice  
tel/fax 48 42 2270971 POLAND  
e-mail: fif@fif.com.pl

## PK-2P 12V 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 8-9 and 11-12. This is indicated by shine a green LED. After the outage, the power joints back in positions 8-7 and 11-10.

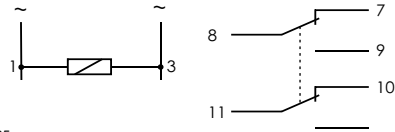
### ASSEMBLY

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                     | 12V AC/DC                          |
| connection current         | $I_c=2 \times 8A$                  |
| heat current               | $I_h=2 \times 8A$                  |
| connection voltage         | $U_c=250V$                         |
| joints                     | 2P                                 |
| 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