

K-17 LEAKAGE INTERLOCKING AND DISCONNECTING RELAY

APPLICATION AREA

The K-17 relay is designed for installation in contactor switches of normal design, such as devices of the WS... types manufactured by SAKOP. In electric circuits it acts as a protection against electric current leakages with the interlocking and disconnecting effect in networks with voltages of 133V or 230V.

DESIGN

The K-17 leakage interlocking and disconnecting relay is encapsulated in an enclosure with the IP-20 index of protection and suitable for mounting on the TS-35 DIN rail. The enclosure is provided with plugged connectors to communicate with the following circuits:

- Power supply 24V AC: terminal 6-7;
- Functional contacts:
 - terminals 1, 2, 3 (relay /toggle type),
 - terminals 4, 5 (NO).
- Measuring inputs:
 - terminals 9, 10 (interlocking module)
 - terminals 9, 11 (disconnecting module)

INSTALLATION

The enclosure of the relay is snap-on mounted on a standard top hat mounting rail of 35 mm size. Terminals of the relay are to be connected to the monitored system according to the application diagram with use of LY-1.5...2.5 mm² conductors (lug terminals must be squeezed beforehand on bare ends of connecting conductors).

TECHNICAL PARAMETERS

- Rated power supply voltage 24 V AC
- Input resistance for disconnection 7 k Ω \pm 20%
- Rated voltage across contacts 250 V AC
- Rated continuous current of contacts 6 A
- Rated insulation voltage 250 V AC
- Dimensions (W x H x D) 45 x 75 x 105 mm
- Index of protection IP 20

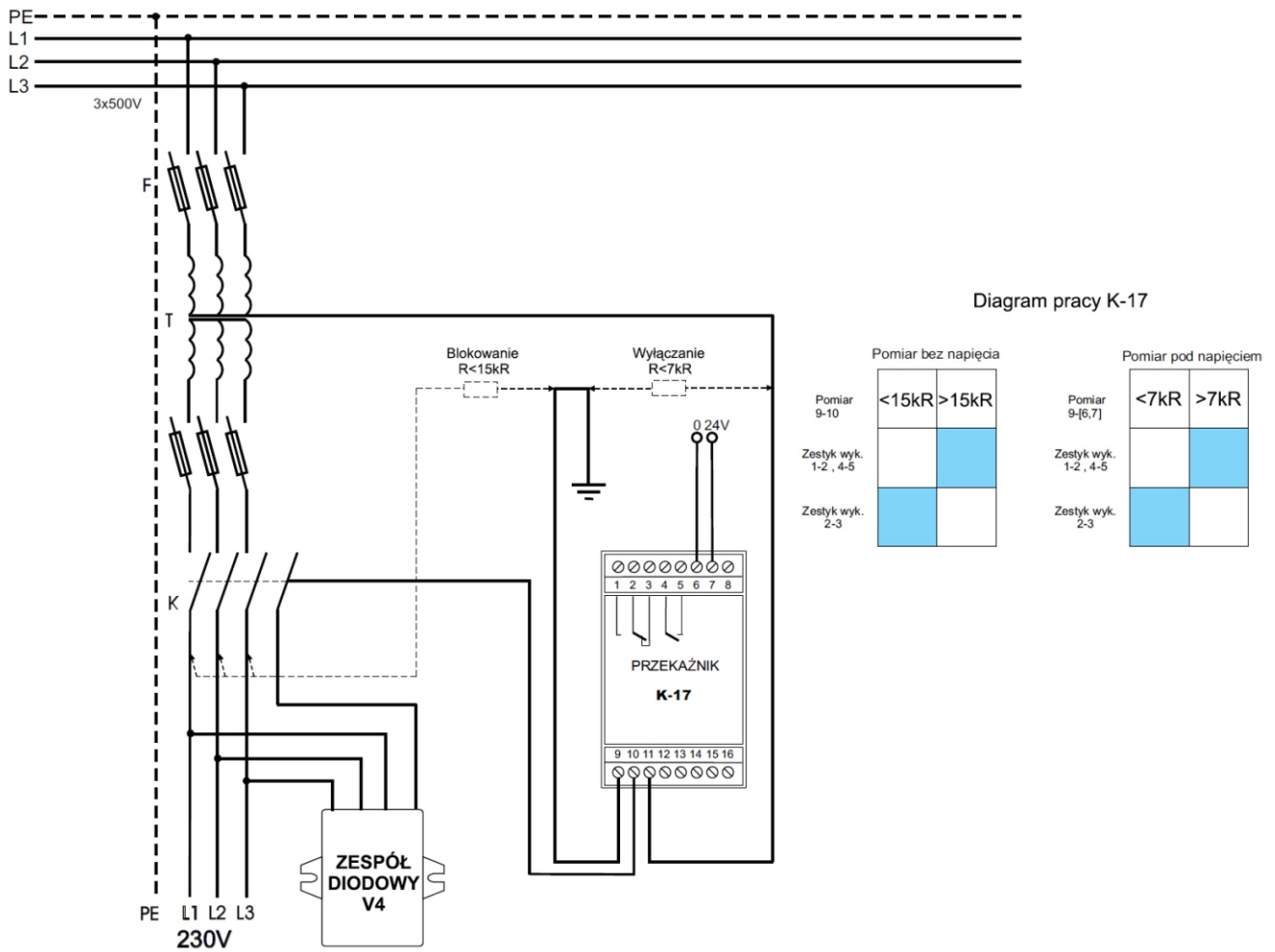


Fig. 1 Application diagram

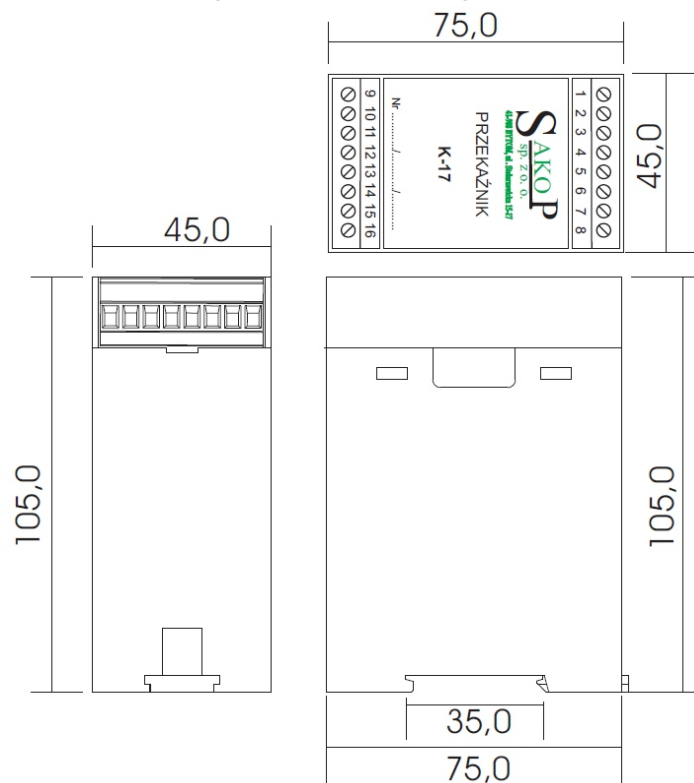


Fig. 2 Dimensional drawing