



INSTAL-SERVICE PL

Spółka z ograniczoną odpowiedzialnością
Spółka komandytowa

58-506 Jelenia Góra, ul. Wrocławska 15a

Control of ground continuity relay UKU - F for rated voltage 400V, 500V, 1000V



Control of ground continuity relay type UKU-F is designed to control the value of ground resistance of the receiver. The unit is designed for use in 3-phase grid with rated voltage of 400V, 500V, 1000V with insulated neutral point of the transformer. In the measuring circuit can be engaged contacts locks or other elements of the control circuit, thereby carrying out the no voltage, remote control of external devices.

TECHNICAL DATA:

ingress protection
voltage power supply
continuous current executive contacts
tripping resistance
dimensions
weight

IP20
24V/50Hz
6A
80Ω±20%,
80 x 30 x 100mm (height x width x depth)
0,12 kg

CONSTRUCTION

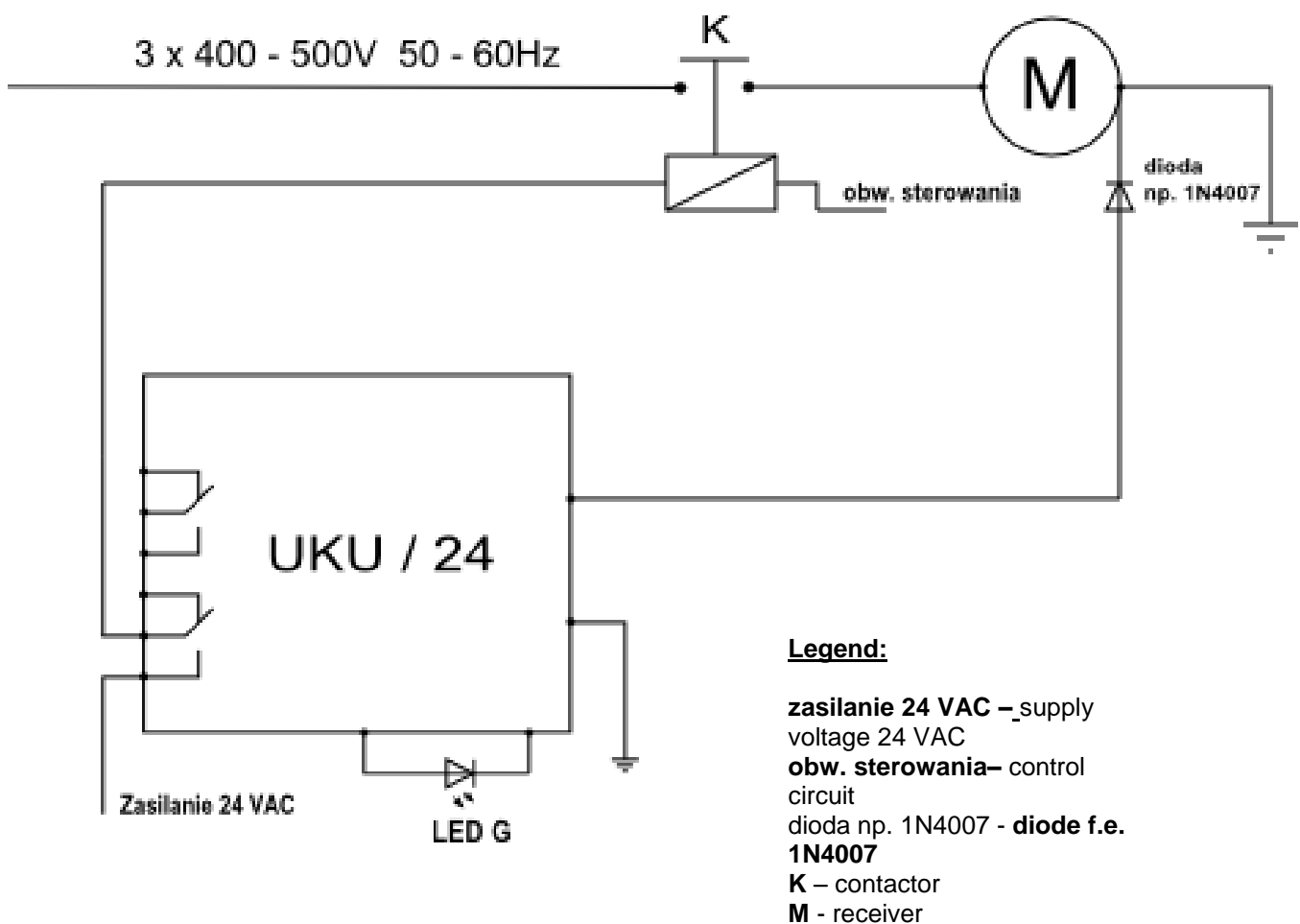
The relay is manufactured in plastic housing of IP 20 protection class, mounted on TS-35 rail. From housing following circuits are led out through joint socket:

- supply: terminals 1-2
- inputs: terminal 4 – earthing, 3 – measuring circuit,
- two executive switchable contacts: 7,8,9 terminals, terminals 10,11,12

The unit has self-control of supply voltage and luminescent diodes indicating operation status: red-incorrect condition of grounding, green-earthing good condition.

Supply of the relay is carried out through transformer. Measuring generator produces voltage, which is applied to measuring input. Threshold unit detect exceed of resistance control loop. In case of exceeding resistance control loop value over $80\Omega \pm 20\%$, relay is tripped.

SCHEMATIC DIAGRAM



Orders should be submitted in writing or by fax to the address:

 **Instal-Service PL**

Spółka z ograniczoną odpowiedzialnością
Spółka komandytowa
58-506 Jelenia Góra, ul. Wrocławska 15a
tel. (+48 075) 64-57-950
fax. (+48 075) 64-57-951
e-mai: instal@instal-service.pl