

Phase control relay UKF-N

for rated voltage 1000V



Phase control relay type UKF-N 1000V, is used to control the present of phase voltage and detect the complete decay of one or more phases of the three-phase grids with rated voltage 3x1000V, 50Hz.

TECHNICAL DATA:

ingress protection	IP20
rated voltage controlled (Un)	3x1000V, 50Hz
insulation voltage of executive contacts	400V
the upper level of voltage in continuous operation	1100V
the lower threshold voltage	800V
continuous current of contacts	8A
dimensions	115 x 35 x 120 mm
mass	0,2kg

CONSTRUCTION

The relay is manufactured in plastic housing of IP 20 protection class, mounted on TS-35 rail. From the housing through connectors are terminated following circuits:

- measurement input: terminals 1,3,5;
- two switchable contacts: terminals 7,8,9, terminals 10,11,12.

Measuring voltage, which is controlled by the relay, is also its supply voltage.

MODE OF OPERATION

The relay type UKF-N 1000V, during the normal operation, measures continuously the voltage between the phases L1-L2, L2-L3, L1-L3. After statement that the presence of all the phases are mainted, relay is stimulated, contacts are switched and yellow LED diode is lighted which indicates the condition of normal operation. In case of decay, damage or an incorrect phase, relay is deactivated and its auxiliary is switched - the LED goes out. The upper level of voltage in continuous operation the relay is 1100V. If voltage is above this value the relay is not tripped.

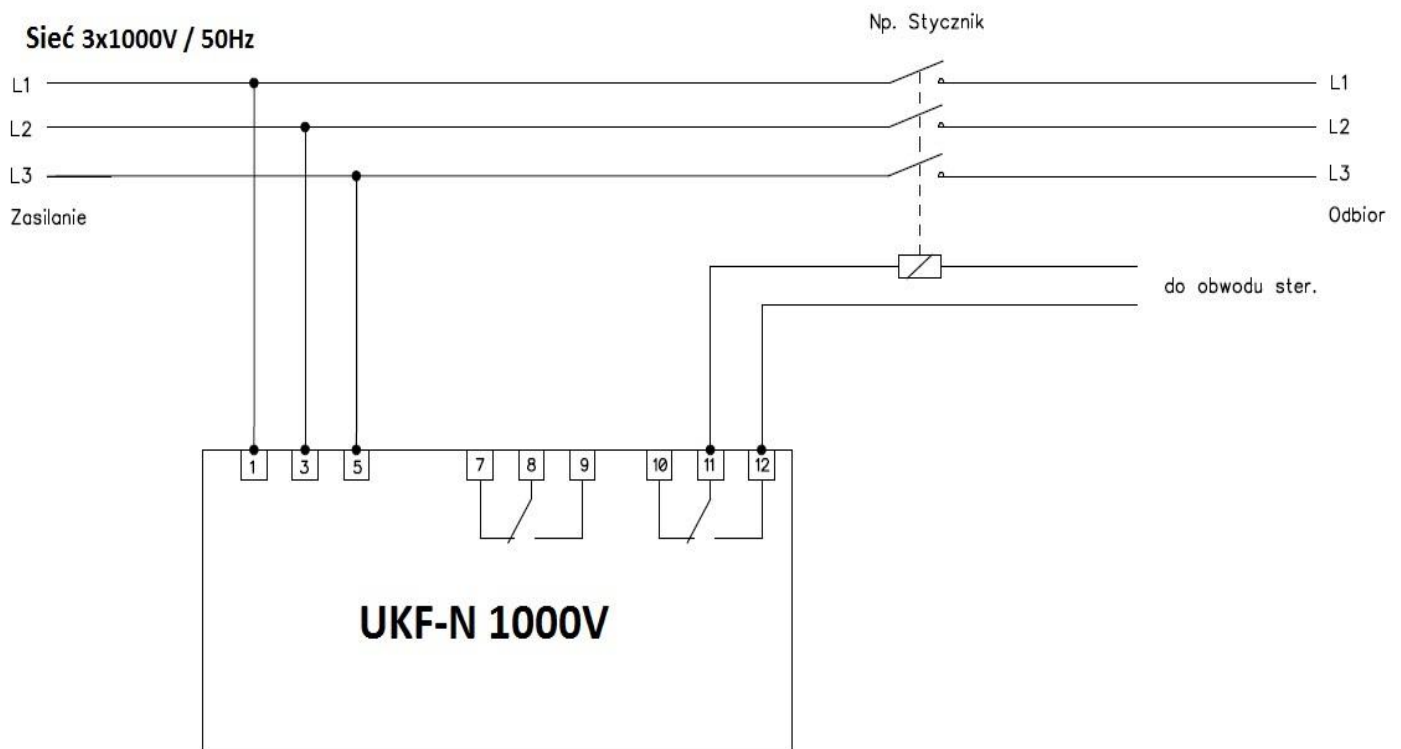
CONNECTION DIAGRAM

Legend:

Sieć 3x1000V/50Hz – grid 3x1000V/50Hz

Np. stycznik – F.e. contactor

Do obwodu sterowania – to the control circuit



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