

-90 -80 -70 -60 -50 -40 -30 -20 -10

-10

-20

Mains Guard NTW-3.3





1 General remarks

The mains guard NTW-3 monitors the main voltage of the 3 phases L1, L2, L3 and the fourth wire. In case of disturbance the relay opens after approx. 3 secs and the LED Störung (=disturbance) lights up.

2 Principle of function

A voltage loss of more than 20% for one of the 3 mains phases or a break-down of the fourth wire causes after a delay time of about 3 secs a fault message. The relay opens and the LED Störung (=disturbance) lights up.

When the voltage exceeds the switch level the relay picks up again. The LED Störung (=disturbance) may only be reset by using the reset-key.

3 Notice

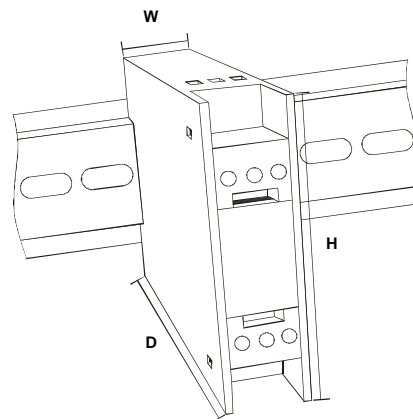
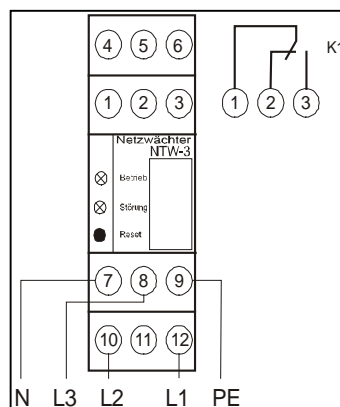
In case that only one phase shall be monitored, the entry terminals L1, L2 and L3 have to be connected in parallel.

4 Technical data



**Installation and first commissioning only by trained experts.
Connection in accordance with VDE 0160.**

Operating Voltage	180 ... 240 V
Power Consumption	approx. 1 VA
Delay Time	approx..3 Seconds
Switch-on Voltage	180 V
Relay Outputs	230 V / 5A / AC
Ambient Temperature	-20 ... +55 °C
Housing Dimensions	W / H / D : 23 x 75 x 100 mm



4.1 Ordering information

Mains Guard NTW-3.3

Part number:

E1882

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-30 -20 -10

10 20 30 40 50 60 70 80 90