

NR12-001-3x230 V



1 CO contact potential free 10A/250V AC. Standby loss 0.8 watt only.

Modular device for DIN 60715 TH35 rail mounting.
1 module = 18 mm wide, 58 mm deep.

Designed to monitor 230V AC voltage between 1 to 3 phase conductors and neutral and to monitor the rotating field (clockwise) in the switch positions 2 Ph and 3 Ph.

In the position \triangle only the rotating field is monitored, independent from the mains voltage.
Supply voltage L1 - N 180-250V/50Hz.

In case of failure of L1 the relay releases immediately without delay.

With the lower rotary switch on the front two operate voltages resp. dropout voltages can be set and the number of monitored phase conductors must be selected.

U1: 161V dropout voltage and 185V operate voltage.

U2: 196V dropout voltage and 206V operate voltage as per VDE 0100, part 718 (formerly: VDE 0108, part 1).

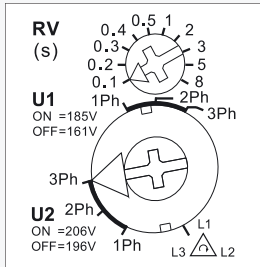
Voltage applied signalled by LED. At wrong polarity or in case of a missing phase conductor the LED flashes rapidly.

Release delay **RV** settable with the upper rotary switch from 0.1 to 8 sec.

The LED flashes slowly during the release delay time period. Operate delay 0.5 sec.

Maximum fusing 16A.

Function rotary switches



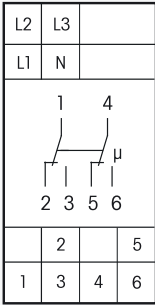
Technical data page G7. Housing for operating instructions GBA12 page Z2.

NR12-001-3x230V

1 CO 10A

EAN 4010312202524

NR12-002-3x230 V



2 CO contacts potential free 10A/250V AC. Standby loss 0.8 watt only.

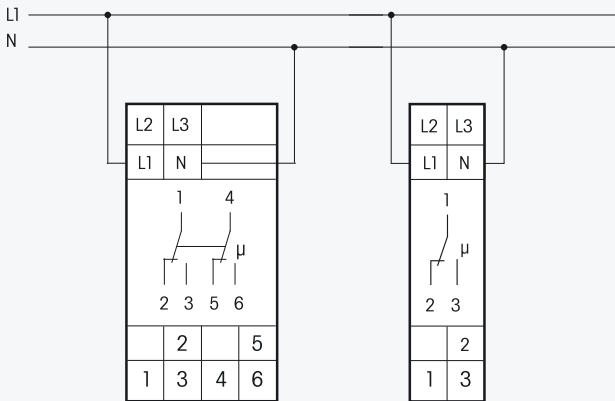
Modular device for DIN 60715 TH35 rail mounting.
2 modules = 36 mm wide, 58 mm deep.

All functions same as NR12-001-3x230V but with a second NO contact.

Maximum fusing 16A.

Technical data page G7. Housing for operating instructions GBA12 page Z5.

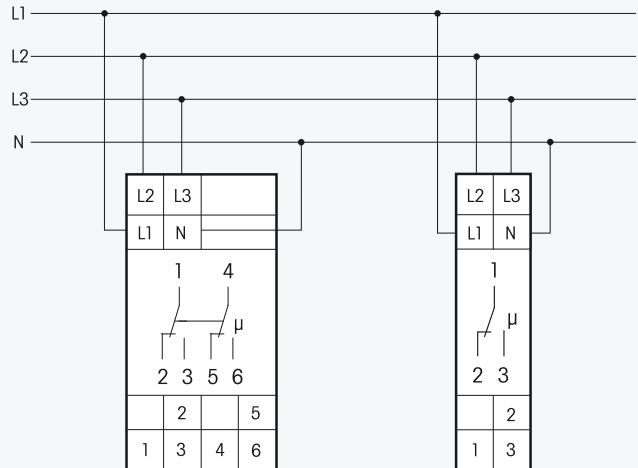
Typical connections: 1 phase monitoring



NR12-002-3x230V

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3 phase monitoring



NR12-002-3x230V

NR12-001-3x230V

NR12-002-3x230V

2 CO 10A

EAN 4010312202548