

# NR12-001-3X230V



**1 CO contact potential free 10 A/250 V 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 230 V 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 180-250 V/50 Hz.

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).

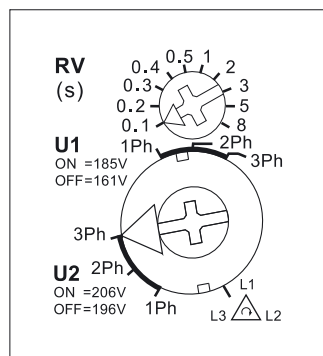
Voltage applied signalled by LED. At wrong polarity or in case of a missing phase conductor the LED flashes rapidly.

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 16 A.**

### Function rotary switches



Technical data page 14-9.  
Housing for operating instructions GBA14,  
see accessoires, chapter Z.

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