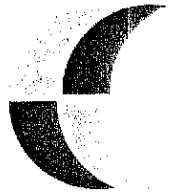


3-phase monitoring of own supply voltage.
Metering of 3 phases without neutral.
Separate adjustment of minimum and maximum limits.
1-pole relay output 8 A/250 VAC.



RP 30

Functional description.

RP 30 meters its own supply voltage, and monitors that all phase voltages are within the adjusted limits, and in that case the output relay is activated. If one or more of the voltages are higher or lower than the limits, the relay releases.

The module monitors 3 phases without neutral, where the 3 voltages are metered in proportion to each other.

If you want to monitor a 3-phase supply, with respect to neutral, it is recommended to use type RP 33, see separate datasheet.

The module can operate from 80 to 120% of the nominal supply voltage.

Technical specifications:

Supply voltage: 3 x 220 V +/-20%.
 3 x 380 V +/-20%.
 3 x 415 V +/-20%.

Power consumption: Approx. 2.5 VA.

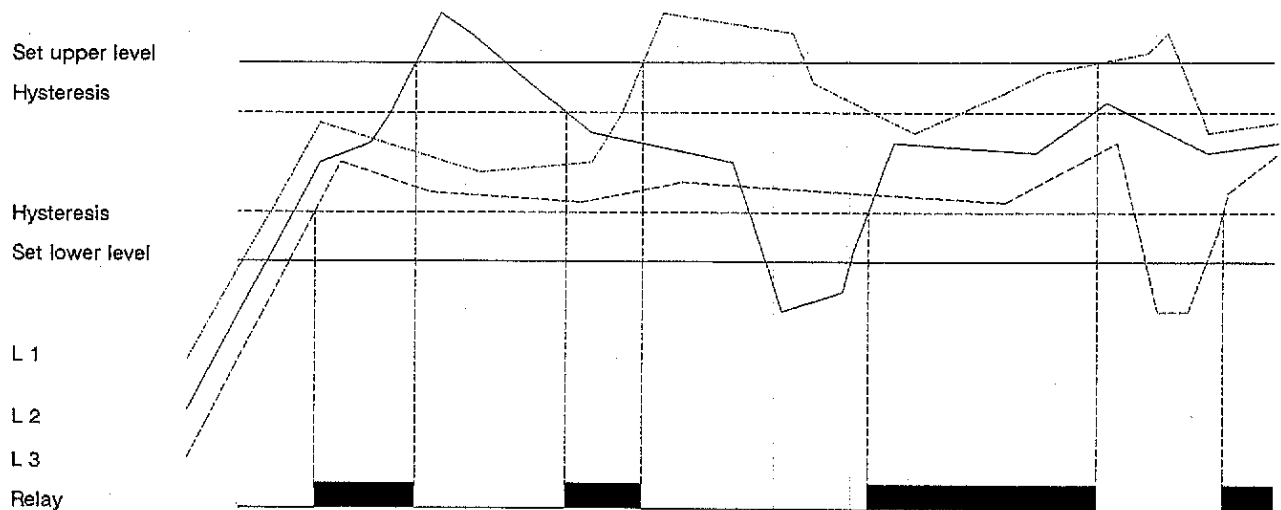
Operating temperature: -20°C to +60°C.

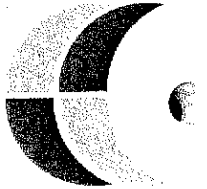
Adjustments:
 Upper limit: Potentiometer, scale 105 to 120%.
 Lower limit: Potentiometer, scale 80 to 95%.

Hysteresis: 1%, factory-set.

Indications:
 Green LED: Supply voltage connected.
 Red LED: Output relay activated.

Operating diagram:



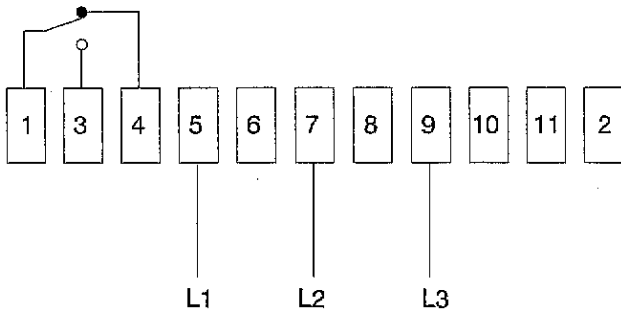


RP 30

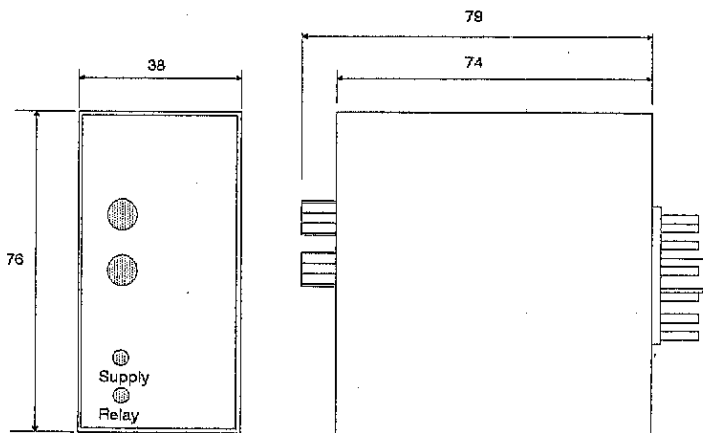
Ordering guide:

Supply voltage	type no.
3 x 220V	RP30-1-3-220
3 x 380V	RP30-1-3-380
3 x 415V	RP30-1-3-415

Connection diagram.



Mechanical dimensions.



Weight: 120 g.

Materials:

Housing:

NORYL SE-1, grey self-extinguishing.

Base:

NORYL SE-1, GFN-2, black self-extinguishing.

Connection pins:

Nickel plated brass.