

**3-phase monitoring of phase-neutral voltages**

**Built-in adjustable time-delay**

**Separate adjustments for minimum and maximum limits**

**1-pole relay output 8 A / 250 V AC**

**AC supply voltages 3 x 380 VAC**

**Made in accordance with the CE and EMC regulations**



The C-mac<sup>®</sup> module type XP33- 004 monitors its own 3-phase supply voltage, and checks that all 3 phase-neutral voltages are within the adjusted limits, and in that case, the output relay is activated.

If one or more of the voltages are over or under the limits for a period of time, which exceeds the set delay, the relay releases.

The module can operate from 70 to 120% of the nominal supply voltage.

**NOTE:**

The unit can only be used at 3 phase plus neutral.

**Technical data:**

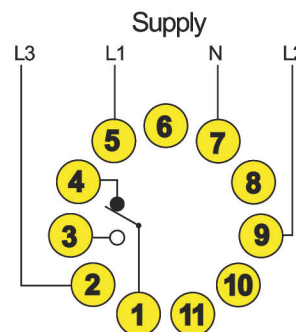
<b>Supply voltage:</b>	3 x 380 V +20/-30%
<b>Supply frequency:</b>	45-75 Hz
<b>Power consumption:</b>	2,5 VA
<b>Operation temp.:</b>	-20°C to +60°C
<b>Humidity:</b>	0 - 90% RH, non-condensing
<b>Adjustments:</b>	
Upper limit:	Potentiometer, scale 105 to 120%
Lower limit:	Potentiometer, scale 70 to 95%
Time-delay:	Potentiometer, scale 0 to 10 sec.
<b>Accuracy, scale:</b>	
Upper and lower limit:	5 %
Time-delay:	20 %
<b>Hysteresis:</b>	1% factory set.
<b>Indications:</b>	
Green LED:	Supply voltage connected
Red LED:	Relay aktive
<b>Max. load, relay:</b>	1-pole: 8 A - 250 VAC, ohmic load

**EMC and safety regulations.**

<b>Emmision:</b>	EN 50 081 - 1
<b>Immunity:</b>	EN 50 082 - 2
<b>Safety:</b>	EN 60 730

**Approvals:** The units are produced in accordance with the CE og low voltage regulations.

**Connections XP33-004:**



**Ordering guide XP33-004:**

Supply	Type no.
3 x 380 V (phase-phase)	XP33-1-3-380-004

**Materials and weight:**

<b>Housing:</b>	NORYL-SE-1, grey, self-extinguishing
<b>Housing bottom:</b>	NORYL SE-1, GFN-2, black, self-extinguishing
<b>Terminals:</b>	Nickel-plated brass
<b>Weight:</b>	190 g