

3-phase phase breaking detector
Built - in reaction delay
Meters its own supply voltage
AC supply voltages up to 3 x 415 VAC
1 pole relay output



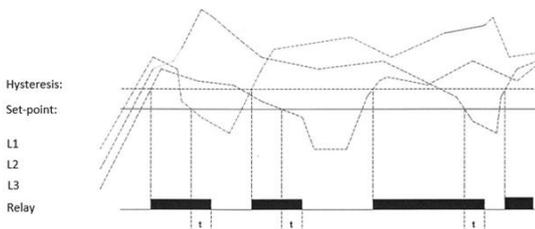
C-mac® RP32T measures its own 3 - phase supply voltage and checks that all 3 phases are present, and in that case the output relay is activated. If one or more phase voltages are smaller than 85% of the nominal value for more than 3 seconds, the relay will release, and when all 3 phases are higher than 85%, the relay will activate immediately.

The module is suitable for monitoring of motors, as it ensures that the motor can only operate if all 3 phases are present, provided that the regenerated voltage from the motor is smaller than 85% of the nominal voltage. The built-in time delay of 3 seconds ensures that the relay will not release in case of short interruptions og voltage drop of the supply voltage

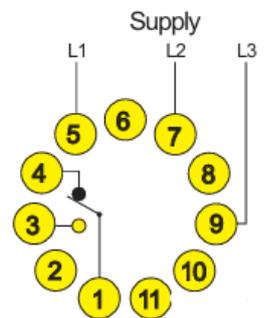
Technical data:	
Supply voltage:	3 x 230 V +/- 15 % 3 x 380 V +/- 15 % 3 x 415 V +/- 15 %
Supply frequency:	50 – 60 Hz
Supply monitoring:	All 3 phases must be higher than 85% of the nominal voltage.
Power consumption:	2,5 VA
Operation temp.:	-20°C til +60°C
Humidity:	0 - 90% relative luftfugtighed, ikke-kondenserende
Indications:	Green LED: Supply voltage connected
	Red LED: Relay aktive
Hysteresis	2 % af nominel spænding
Reaction delay:	3 seconds
Max. load, relay:	1 - polet 8 A - 250 VAC
	Ohmic belastning

Ordering guide		
Type	Relay	Supply
RP32T	1 = 1 polet	3-220 = 220 VAC
		3-380 = 380 VAC
		3-415 = 415 VAC
Example:	RP32T-1-3-415	

Functional diagram



Connections:



EMC og safety regulations.

Emmision: EN50081-1
Immunity: EN50082-2
Safety: EN60730



Materials and Weight

Housing: NORYL-SE-1, grey, self-extinguishing
Housing bottom: NORYL SE-1, GFN-2, Black self-extinguishing
Terminaler: Nickel-plated brass
Vægt: 110 g