

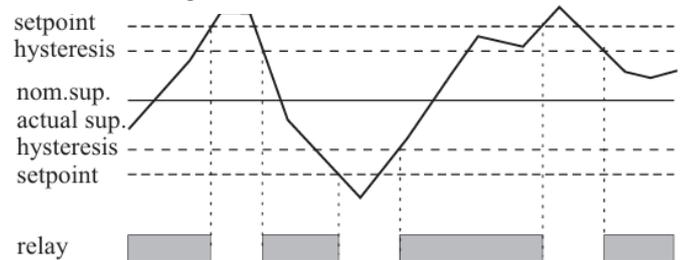
Monitoring of 1-phase supply voltage
Separate adjustments of minimum and maximum limits
1-or 2-pole relay output
DC supply or AC supplies up to 230 VAC



The C-mac® module type RP10 monitors its own 1-phase supply voltage and checks that it is within the adjusted minimum and maximum limits, and in that case, the output relay is activated.
 The module can operate from 80% to 120% of the nominal supply voltage.

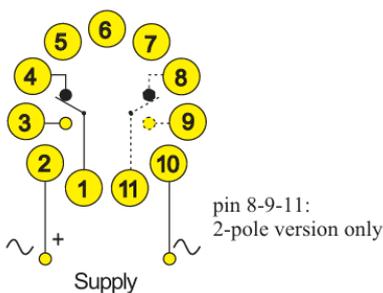
Technical data:	
Supply voltage:	24 VDC, 24 VAC, 115 VAC eller 230 VAC +/- 20%
Supply frequency:	40 – 70 Hz
Power consumption:	2,5 VA
Operation temp.:	-20°C to +60°C
Humidity:	0 - 90% RH, non-condensing
Adjustments:	Upper limit: Potentiometer, 105 to 120%
	Lower limit: Potentiometer, 80 to 95%
Hysteresis	1% of the nominal supply.
Indications:	Green LED: Supply voltage connected
	Red LED: Relay active
Max. load, relay:	1- polet : 8A – 250 VAC 2- polet : 5A – 250 VAC Ohmic load

Functional diagram

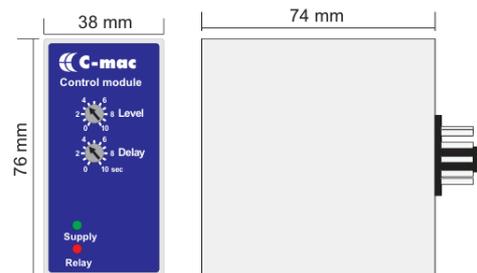


Ordering guide:		
Type	Relay	Supply
RP10	1= 1 pole 2= 2 pole	0-024 = 24 VDC
		1-024 = 24 VAC
		1-115 = 115 VAC
		1-230 = 230VAC
Example:	RP10-2-1-230	

Connections:



Mechanical dimensions:



EMC and 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
 Terminals: Nickel-plated brass
 Weight: 110 g