

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
Made in accordance with the CE and EMC regulations



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:

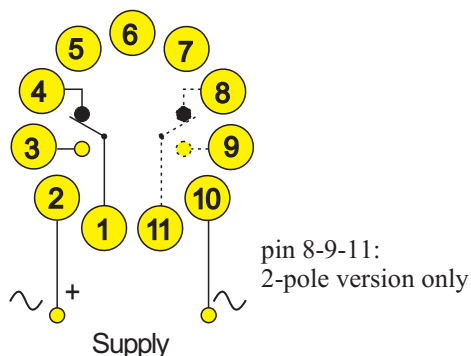
Supply voltage:	24 VDC, 24 VAC, 115 VAC or 230 VAC +/- 20%
Power consumption:	2,5 VA
Operation temp.:	-20°C til +60°C
Humidity:	0 - 90% RH, non-condensing
Adjustments:	
Upper limit:	Potentiometer, 105 to 120%.
Lower limit:	Potentiometer, 80 to 95%
Hysteresis:	1% of the nominal supply.
Indications:	
Green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

EMC and safety regulations.

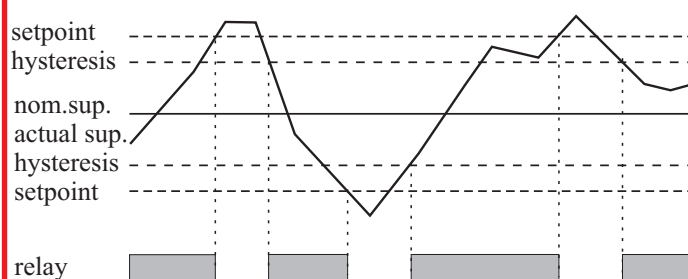
Emmission:	EN 50 081 - 1
Immunity:	EN 50 082 - 2
Safety:	EN 60 730

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

Connections:



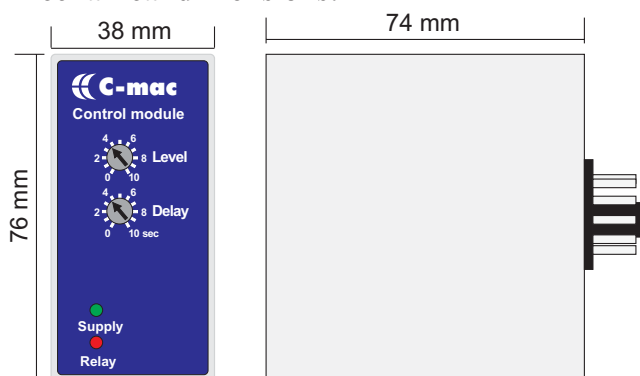
Functional diagram:



Ordering guide:

Supply	Type no.
24 VDC	RP10-x-0-024
24 VAC	RP10-x-1-024
115 VAC	RP10-x-1-115
230 VAC	RP10-x-1-230
x = output relay:	1 = 1-pole 2 = 2-pole

Mechanical dimensions:



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