

**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<sup>®</sup> 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

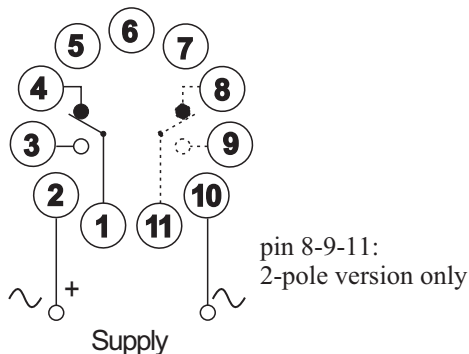
**Max. load, relay:** 1-pole: 8 A - 250 VAC  
 2-pole: 5 A - 250 VAC, ohmic load

### EMC and safety regulations.

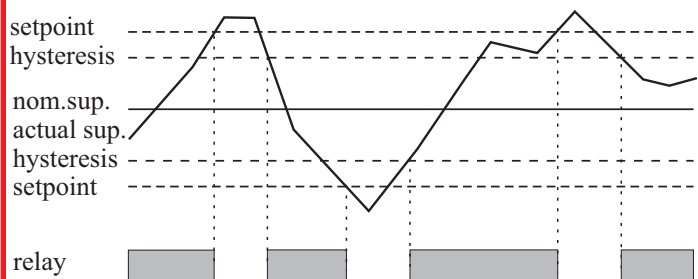
**Emmission:** EN 50 081 - 1  
**Immunity:** EN 50 082 - 2  
**Safety:** EN 60 730

**Approvals:** The units are produced in accordance with the CE and 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