

VCDC-UV

DC Under voltage controller.

- Measures its own supply voltage.
- Monitors DC voltage displayed on the front panel.
- 5% fixed hysteresis.
- 2 LED's indicates DC voltage supply, relay status.
- Timing on the event of under voltage,
- can be adjusted between 0.1 to 5 seconds.
- Not effected by harmonic distortion.



Operating

Output relay stays energized as long as the supply voltage is over the threshold sets on the front panel. The relay de-energize if the voltage drops under that threshold for longer than time set (T) or when supply breaks. The 5% hysteresis ensures clean relay switching at threshold.

Red LED- relay status (red LED On – relay energizes)
Green LED - Displays power supply.

General specifications

- Protection class open air: IP20
- Self-extinguishing plastic housing UL V0 acc IEC 529
- Mounting position: on DIN-rail TS 35 according to EN 50022
- Terminal : acc IEC 60947-7-1, IEC 60998-1
- Terminal Capacity: 1x4mm² without multicore cable end
1x0.5 to 2.5mm² with/without multicore cable end

Output circuit

- Relay: 1 C/O
- Rated voltage: 250 Vac
- Switching capacity ac: (8A / 250V) COS Φ = 1
- Switching capacity dc: 6 A 30 Vdc
- Max switching capacity ac: 10 A
- Mechanical life: 1 x 10⁶ operations
- Electrical life at 1000 VA COS Φ =1: 200.000 operations

Environmental conditions

- Permissible ambient temperature: -20°C....+50°C
- Storage temperature: -25°C....+70°C
- Transport temperature: -25°C....+70°C
- Relative humidity (acc. IEC 721-3-3 CLASS 3K3): 15% to 85%
- Vibration resistance (acc. IEC 68-2-6): 10 TO 55 H

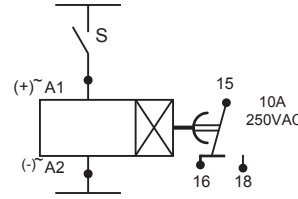
Ordering information

VCDC-UV - Supply voltage - Custom ordering

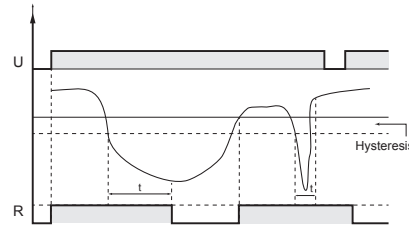
Dimensions & weight

- Width: 24 mm
- Height: 65 mm
- Depth (excl. DIN-profile): 72 mm
- Weight: 66 gram

Connections



Function



Dimensions

