



- **Adjustable stabilized source**
- **Output 5/12/24 VDC**
- **Current and heat protection**
- **Power supply 100...250 V AC/DC**

Description

The OMP 38 is a stabilized source for sensor power supply. The source is in a plastic DIN box with terminal board for mounting to rail of 24,5 mm width. On the face of the transmitter there are LEDs, which indicate the operation status of the source.

Operation

Switch for the setting of output voltage is located on the lower edge of the instrument.

Technical data

OUTPUT

Output: 5 VDC/450 mA; 12 VDC/300 mA; 24 VDC/150 mA
(adjustable by a switch on the box)

Tolerance: $\pm 0,25$ V

Regulation: $\pm 0,1$ V

Corrugation: < 50 mV

Outage span: > 200 ms^{PP}

Efficiency: 63 %

Functions: active current restriction as per selected range, overstepping the restriction is signalled by red LED

POWER SUPPLY

Range: 100...250 V AC/DC, 50/60 Hz, $\pm 10\%$, 5,7 VA

Input frequency: DC, 47...63 Hz

Input current: 100...45 mA

Starting current: < 20 A, $< 1,5$ ms

Protection: by a fuse inside the instrument (T630mA)

MECHANIC PROPERTIES

Material: ABS, incombustible UL 94

Dimensions: 110,5 x 81,5 x 24,5 mm

Installation: to DIN rail, width of 35 mm

OPERATING CONDITIONS

Connection: terminal board, conductor section $< 2,5$ mm²

Stabilization period: within 5 minutes after switch-on

Working temperature: 0°...60°C

Storage temperature: -10°...85°C

Protection: IP20

Construction: safety class II

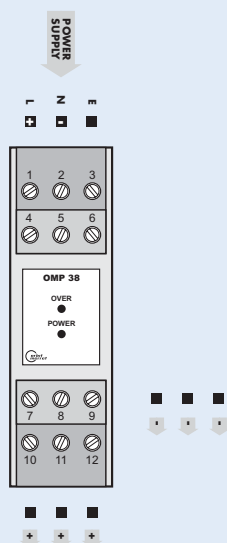
El. safety: EN 61010-1, A2

Overvoltage category: for pollution degree II

III. - instrument power supply (300 V)

EMC: EN 61000-3-2+A12; EN 61000-4-2, 3, 4, 5, 8, 11; EN 550222, A1, A2

Connection



Order code

OMP 38