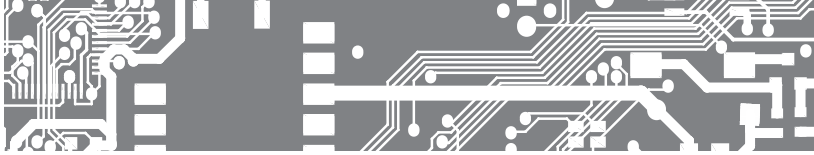


OMP 38

The OMP 38 is a stabilized source for sensor power supply.

The source is in a plastic box with terminal board to DIN rail.

On the face of the transmitter there are LEDs, which indicate the operation status of the source.

- ADJUSTABLE STABILIZED SOURCE TO DIN RAIL
- OUTPUT: 5/12/24 VDC, 5/15/24 VDC
- CURRENT AND HEAT PROTECTION
- POWER SUPPLY 80...250 V AC/DC

OMP 38
STABILIZED SOURCE

OPERATION

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

TECHNICAL DATA

OUTPUT

Output:
A - 5 VDC/450 mA; 12 VDC/300 mA; 24 VDC/150 mA
B - 5 VDC/450 mA; 15 VDC/240 mA; 24 VDC/150 mA
(adjustable by a switch on the box)
Tolerance: ±0,25 V
Regulation: ±0,1 V
Ripple: < 50 mV_{pp}
Outage span: > 200 ms
Efficiency: 63 %
Functions: active current restriction as per selected range, overstepping the restriction is signalled by red LED

POWER SUPPLY

Range: 80...250 V AC/DC, 50/60 Hz, ±10 %, max. 5,7 VA, PF≥0,4
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

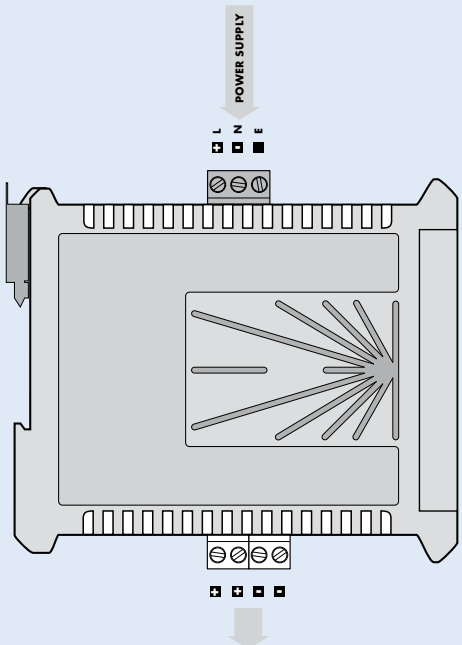
Material: PA 66, incombustible UL 94 V-I, blue
Dimensions: 113 x 98 x 22 mm
Installation: to DIN rail 35 mm wide

OPERATING CONDITIONS

Connection: connector terminal board, section < 2,5 mm^2
Stabilization period: within 5 minutes after switch-on
Working temperature: -20°...60°C
Storage temperature: -20°...85°C
Cover: IP20
El. safety: EN 61010-1, A2
Dielectric strength: 4 kVAC after 1 min between supply and output
Insulation resistance: for pollution degree II, measuring cat. III.
Power supply, output > 300 V (PI), 250 V (DI)
EMC: EN 61326-1
Seismic capacity: IEC 980: 1993, par. 6

PI - Primary insulation, DI - Double insulation

CONNECTION



ORDER CODE

OMP 38 -

Output	**5/12/24 VDC**	**A**
	5/15/24 VDC	**B**

Default execution is shown in bold