

- 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

## OPERATION

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

## 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.

**OMP 38**  
STABILIZED SOURCE

## TECHNICAL DATA

### OUTPUT

#### Output:

A - 5 VDC/450 mA; 12 VDC/300 mA; 24 VDC/160 mA  
 B - 5 VDC/450 mA; 15 VDC/240 mA; 24 VDC/160 mA  
 [adjustable by a switch on the box]

**Tolerance:** ±0,25 V

**Regulation:** ±0,1 V

**Ripple:** < 50 mV<sub>pp</sub>

**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-1, 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<sup>2</sup>

**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.

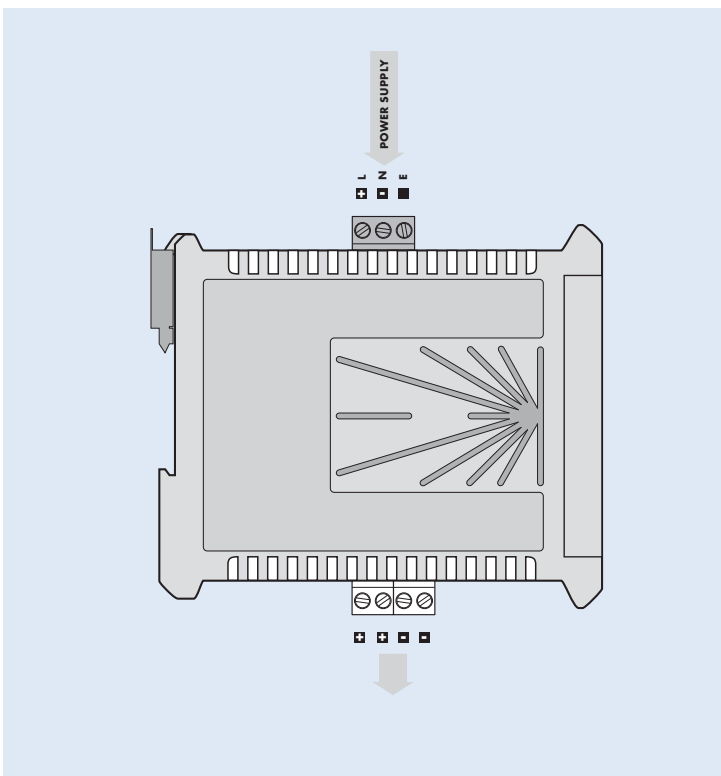
Power supply, výstup > 300 V (ZI), 150 V (DI)

**EMC:** EN 61326-1

**Seismic capacity:** IEC 980: 1993, par. 6

PI - Primary insulation, DI - Double insulation

## CONNECTION



## ORDER CODE

<b>OMP 38</b>		- □
Output	<b>5/12/24 VDC</b>	<b>A</b>
	5/15/24 VDC	B

Default execution is shown in bold