

## OMP 100

The OMP 100 is a DIN rail mountable universal power source with active power factor compensation.

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

On the face of the transmitter there is a two-color LED, which indicates operating status of the source.

### STABILIZED SOURCE

- Output: 2x 5 VDC/8 A  
2x 12 VDC/4 A  
2x 15 VDC/3,2 A
- Current and heat protection
- Power supply 230 VAC

### OMP 100

STABILIZED SOURCE 96 W

### OPERATION

The output voltage is selected by connecting the input terminals. Outputs can be operated in parallel, in series or independently, as separated with a 60 VDC insulation.

## TECHNICAL DATA

### OUTPUT

#### Output:

A - 2x 5 VDC/8 A  
 B - 2x 12 VDC/4 A  
 C - 2x 15 VDC/3,2 A

**Connection:** outputs can be connected in parallel or in series

**Tolerance:**  $\pm 0,25$  V

**Regulation:**  $\pm 0,1$  V

**Ripple:** < 50 mVpp

**Outage span:** < 200 ms

**Efficiency:** 80 %

**Functions:** active current restriction, overstepping is signalled by red LED

### POWER SUPPLY

**Range:** 230 VAC, 50/60 Hz,  $\pm 10$  %, PF  $\geq 0,4$

**Consumption:** < 115 W

**Input frequency:** DC, 47...63 Hz

**Input current:** 500...45 mA

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

**Protection:** by a fuse inside the instrument (T4A)

### MECHANIC PROPERTIES

**Material:** PA 66, incombustible UL 94 V-1, blue

**Dimensions:** 22x 98 x 113 (w x h x d)

**Installation:** on DIN rail, width 35 mm

### OPERATING CONDITIONS

**Connection:** connector terminal blocks, 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

**Protection:** IP20

**El. safety:** EN 61010-1, A2

**Dielectric strength:** 4 kVAC per 1 min test between supply and output

**Insulation resistance:** for pollution degree II, measuring cat. III

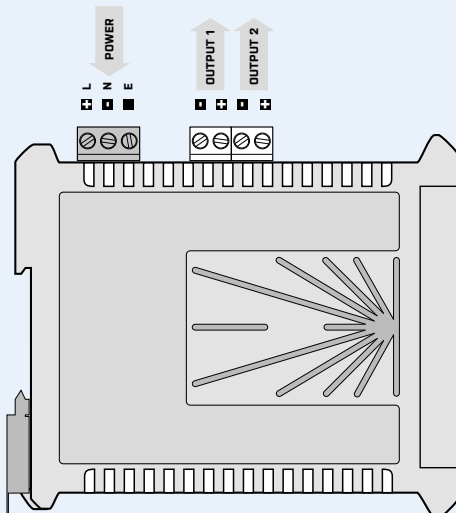
instrument's power supply, output > 300 V (PI), 150 V (DI)

**EMC:** EN 61326-1

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

PI - Primary insulation, DI - Double insulation

## CONNECTION



## ORDER CODE

### OMP 100



Output

2x 5 VDC	<b>A</b>
<b>2x 12 VDC</b>	<b>B</b>
2x 15 VDC	<b>C</b>

Basic configuration of the instrument is indicated in bold.