



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

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.

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, ± 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: 22 x 98 x 113 (w x h x d)

Installation: on DIN rail, width 35 mm

OPERATING CONDITIONS

Connection: connector terminal blocks, section < 2,5 mm²

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

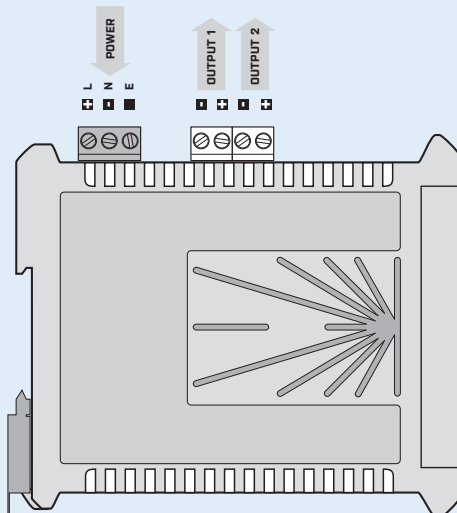
instrument's power supply, output > 300 V (PI), 150 V (DI)

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	A
2x 12 VDC	B
2x 15 VDC	C

Basic configuration of the instrument is indicated in bold.