OMP 100

The OMP 100 model is a universal power source with active compensation of power factor.

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

Located on the front of the transmitter there is a bi-color LED, which signals the operational status of the source.

- STABILIZED SOURCE TO DIN RAIL
- OUTPUT: 5/10 VDC, 12/24 VDC/96 W
- SIZE OF DIN 96 X 48 MM
- POWER SUPPLY 230 VAC

OMP 100
STABILIZED SOURCE, 96 W
2x 5 VDC/8 A
2x 12 VDC/4 A
2x 15 VDC/3,2 A

OPERATION

Output voltage is selected by interconnection of input brackets. Outputs may be operated by parallel, serial or independent connection, as separated with isolation 60 VDC.

TECHNICAL DATA

OUTPUT

Output: 2x 5 VDC/8 A, 2x 12 VDC/4 A, 2x 15 VDC/3,2 A
outputs may be used independently, in parallel or in series
Tolerance: ±0,25 V
Regulation: ±0,1 V
Ripple: < 50 mV_{pp}
Outage span: > 200 ms
Efficiency: 80 %
Functions: active current restriction as per selected range, overstepping the restriction is signalled by red LED

POWER SUPPLY

Range: 230 VAC, 50/60 Hz, ±10 %, max 120 VA, PF≥0,4
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

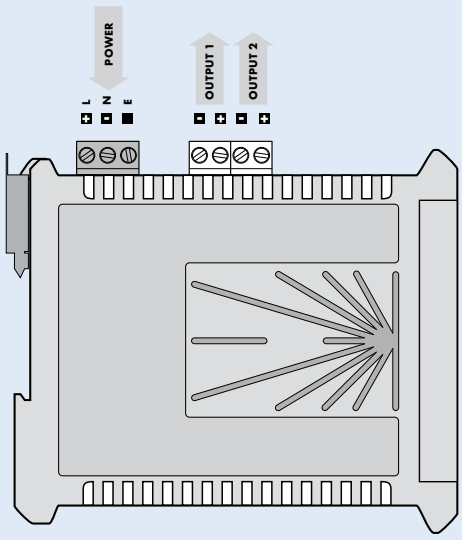
Material: PA 66, incombustible UL 94 V-I, blue
Dimensions: 113 x 98 x 35 mm
Installation: to DIN rail 35 mm wide

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), 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**

Default execution is shown in bold