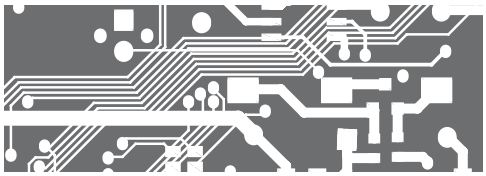
OMC 8100 - PS
STABILISED BUS POWER SUPPLY



CONNECTING THE MODULE

When connecting modules, always make sure they are not being powered.

1. Connect module **OMC 8100 - PS** to the main module using the provided connector cable (mating connectors are located at the top of the modules under a circular rubber cap)
2. Power up the set

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OMC 8100-PS
TECHNICAL DATA

OUTPUT

Output	5 VDC/1 A - auxiliary bus supply

MECHANICAL PROPERTIES

Material	PA 66, incombustible UL 94 V-0, blue
Dimensions	36 x 91 x 60 mm
Mechanical fixation	on DIN rail 35 mm wide

POWER SUPPLY

Range	10...30 VDC/24 VAC, ±10 %, 5,5 VA, PF≥ 0,4, 100...250 VDC/VAC, ±10 %, 5,5 VA, PF≥ 0,4, I_{STP}< 40 A/1 ms, isolated
Current via bus	max. 100 mA

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Connection	screw terminals, cross section < 2,5 mm²
Operating temperature	-20°...60°C
Storage temperature	-20°...85°C
IP rating	IP20
Execution	Safety class I
El. safety	EN 61010-1, A2
Dielectric strength	4 kVAC for 1 min. between power and bus
Isolation resistance	for pollution degree II, measuring cat III 300 V (PI), 150 (DI)
EMC	EN 61326-1 (Industrial environment)
Seismic capacity	IEC 980: 1993, art.6

* PI - Primary isolation, DI - Double isolation

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CONNECTION

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