

PO100

Smart power supply unit



TECHNICAL SPECIFICATION PO100

Voltage Supply	120 ... 240 V AC
Power Consumption	max. 115 VA
Housing Shape	REG (acc. to DIN 43880)
Produkt Standards	EN 61010, EN 50428, EN 60950
Housing Width	5 PU
Operating Conditions	Ambient temperature during operation: 0°C ... +50°C Storage temperature: -25°C ... +60°C
Protection Rating	IP20

SCOPE OF PO100:

- ▶ The smart power supply unit ensures a stable voltage supply for the modules connected; besides, it provides access to electric supply data, such as voltage, amperage and wattage.
- ▶ The PO100 power module monitors the CAB backplane bus and supplies it with the required voltages and signals. The power module allows up to seven MIO 100, and one CU100 to be connected.

MAIN FEATURES:

- ▶ All bus systems are fully integrated into the B-Studio engineering software, no matter whether built in or connected through gateway.
- ▶ The module is divided into two sections. The bottom section is the terminal module. It accommodates all plug-and-socket connectors required for connecting wires and field buses. The top section accommodates the electronic components. This way of splitting the module offers a variety of benefits. The electronic section can be plugged onto the terminal module in a separate step. The wiring does not need to be disconnected, not even for service measures or replacement of the device. Installation into the equipment cabinet has become easier due to the added space available. The electronic modules can be tested in the office while the terminal modules are already being installed.
- ▶ All terminal modules are interconnected through the CAB Bus. Thanks to a jumper, this happens automatically as they are clipped onto the DIN rail. The modules are addressed fully automatically, with no need of configuration.

TQ-Systems GmbH

Am Technologiepark 12 | 82229 Seefeld | Germany
Tel.: +49 8153 9308-655 | info@tq-automation.com

tq-automation.com