

Power Supply Module

MSR 000

- not intrinsically safe -

Application

The power supply module of the type series MSR 000 has been designed for the power supply of pressure transmitters, LED displays, etc.

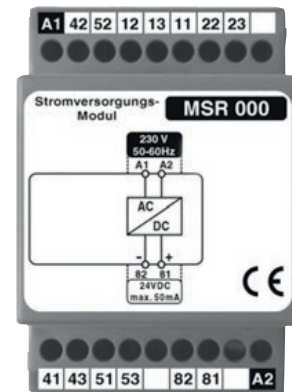
The voltage output is galvanically separated from the power supply.

They can be used in areas that do not require cost-intensive, Ex certified power supplies.

Regulations

Power supply modules meet the following requirements:

DIN EN 50178	Electrical Safety
DIN EN IEC 61000-6-2	Stability
EN 61000-6-3	Interference Emission
DIN EN 60947-5-1	Low-voltage Switchgear



Standard Version

Technical Data

Auxiliary energy

rated voltage U_e	terminals A1 – A2 230 V AC, +6...-10 %, 50 – 60 Hz or available with voltage 115 V AC, +6...-10 %, 50 – 60 Hz
power consumption	typ. 5 VA

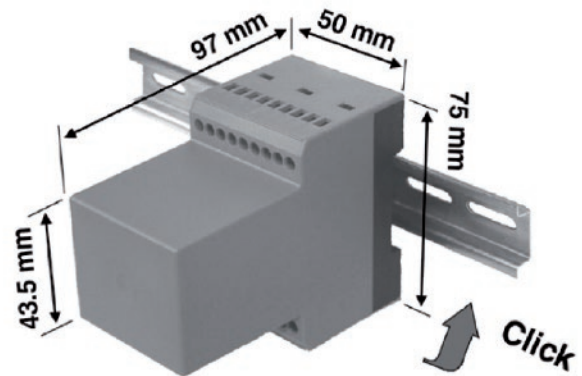
Voltage output

output power	terminals 82(-), 81(+) 4 V DC $\pm 10\%$ I_{max} 50 mA
residual ripple for U_N and I_N	< 50 mVpp
protective circuit	10 Ohm fuse resistance
max. short circuit current	limited short-circuit protection

Application range

rated insulation voltage	250 V AC
overvoltage category	III
degree of contamination	2 / EN 50178
degree of protection	IP20 / DIN EN IEC 60529
temperature range	0 – 70 °C
case material	polyamide 6.6, colour red / black
mounting suitable for	standard rail acc. to DIN 50022

Dimensional Drawing



Weight: approx. 0.22 kg (0.49 lb)