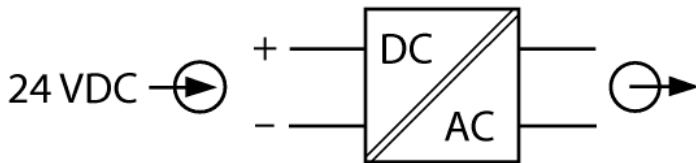


excom I/O System

Power Supply Module, 24 VDC, Non-Ex

PSM24-N



The PSM24... power supply module supplies the excom N system with power to the full extension. The power supply module can only be used in non-Ex areas.

The supply voltage is 24 VDC.

The external power supply is connected via clamps on the module rack. The clamps should not be contacted in energized state. They are located below a closure cap. Switch off power before contact.

Redundancy:

Two power supply units can be installed in combination with a suitable module rack. In case of power cut or failure of one device, the second unit provides the power for the whole system. Different potentials can be supplied.

- DC power supply module, supplies a module rack in the non-Ex area



Dimensions

Type	PSM24-N
ID	6881723
Nominal voltage	24 VDC
Operating voltage	19.2...32 VDC
Power consumption	≤ 66.5 W
Output power	≤ 60 W
Galvanic isolation	Galvanically isolated input and output circuit, rated voltage 40 V
Displays/Operating elements	
Operational readiness	1 × green
Error indication	1 x red
Electrical connection	
Electrical connection	Via module rack
Terminal cross-section	2.5 mm² flexible/4.0 mm² rigid
Housing material	
Housing material	Plastic
Connection mode	module, plugged on rack
Protection class	IP20
Ambient temperature	-20...+70 °C
Relative humidity	≤ 93 % at 40 °C acc. to IEC 60068-2-78
Vibration test	Acc. to IEC 60068-2-6
Shock test	Acc. to IEC 60068-2-27
EMC	Acc. to EN 61326-1 Acc. to Namur NE21
MTTF	61 years acc. to SN 29500 (Ed. 99) 40 °C
Dimensions	18 x 118 x 106 mm

