



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

The PSM24-N supplies 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**

**Power Supply Module, 24 VDC, Non-Ex
PSM24-N**

Type designation	PSM24-N
Ident-No.	6881723
Supply voltage	
Nominal voltage	24 VDC
Operating voltage range	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
Indication	
Operational readiness	1 x green
Error indication	1 x red
Terminal cross-section	2.5 mm ² flexible / 4.0 mm ² rigid
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 EN 60068-2-78: test cab
Vibration test	acc. to IEC 60068-2-6
Shock test	acc. to IEC 60068-2-27
EMC	acc. EN 61326-1 (2013)
	acc. to Namur NE21 (2012)
MTTF	61 years acc. to SN 29500 (Ed. 99) 40 °C
Dimensions	18 x 118 x 106 mm

Dimensions

