

The PSM24-3G module supplies the excom® system with power to the full extension. The power supply module can be used in zone 2.

Powered with 24 VAC. The external power supply is hooked up to Ex e clamps at the module rack. Any contact with the clamps in energized state should be avoided. They are located below a closure cap. Switch off power before contact.

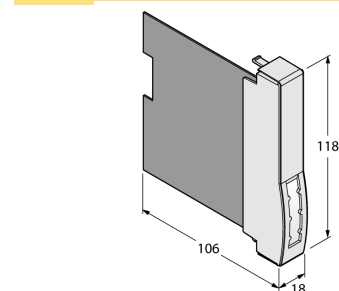
Redundancy:

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 zone 2

Power supply module, 24 VDC, zone 2
PSM24-3G

Dimensions



Type designation	PSM24-3G
Ident-No.	6881722
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
Ex approval acc. to conformity certificate	PTB 12 ATEX 2009
Device designation	Ex II 3 (2) G Ex nAc ic [ib] IIC T4
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)
MTTF	61 years acc. to SN 29500 (Ed. 99) 40 °C
Dimensions	18 x 118 x 106 mm
Approvals	ATEX TR CU INMETRO