



ExConnection Rail[®] 8 POE PS24

Datasheet.

Features.

- ✓ ATEX, IECEx and EAC-Ex Certification for Hazardous Areas
- ✓ High Power-POE-Switch
- ✓ Flameproof Enclosure for Wall Mount
- ✓ Protection Level IP 66
- ✓ Use even at Arctic Temperatures (-60°C)
- ✓ 24 VDC Power Supply for 8x Camera Heaters

Zone.

Groupe I (Mining) category	ATEX / IECEx / EAC-Ex		Groupe II (Gas & Dust) Zone	ATEX / IECEx / EAC-Ex				
	Ma	Mb		0	1	2	21	22
For use in	✗	✗	For use in	✗	✓	✓	✓	✓

Further certificates upon request.

Dimensions.

285 x 285 x 230 mm

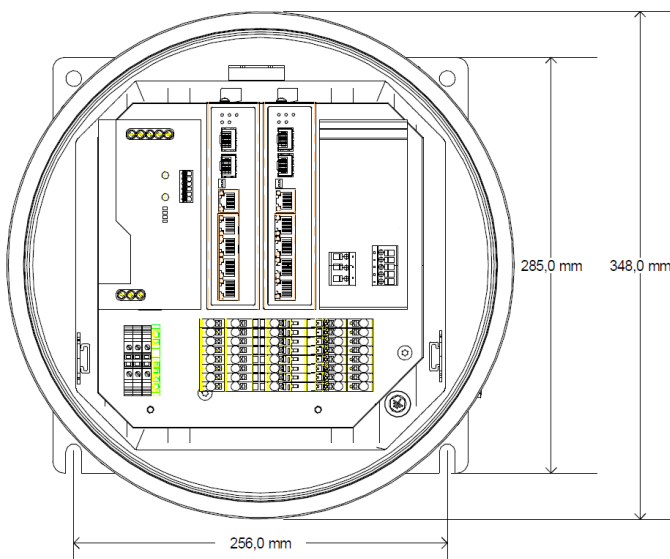


Image similar to product

Data.

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Explosion protection:

Model key:
Declaration of conformity:

Ex- Certificates:

Ex- Marking:
Explosion protection (gas):
Explosion protection (dust):

T04.5-D-8PoE+-1000Base-SX
DIN EN/IEC/GOST ... 60079-0, DIN EN/IEC/GOST ... 60079-1,
DIN EN/IEC/GOST ... 60079-28, DIN EN/IEC/GOST ... 60079-31
TUEV-10-ATEX-7969X, IECEx-TUR-16.0025X
No. TC RU C-DE.AB.61.B.00380/19

II 2G Ex db [op pr] IIC T5 Gb
 II 2D Ex tb [op pr] IIIC T95°C Db IP66



Mechanical characteristics:

Housing material:

Protection level:
Weight:
Side left:
Side right:
Side top:
Side bottom:

Aluminum, copper-free and sea water resistant
Coated in RAL 7032
IP66 (IEC/EN 60529)
About 21 kg
2 plug - M25x1.5 spanner size 30
2 plug - M25x1.5 spanner size 30
4 plug - M25x1.5 spanner size 30
8 plug - M20x1.5 spanner size 24
2 plug - M25x1.5 spanner size 30

Environmental conditions:

Range of temperature:

-60°C to +50°C



Power supply:

Input voltage:
Power consumption:
Rated current:

100 VAC - 240 VAC
720 W (max.)
3 A @ 240 VAC (max.), 3 x PT4 terminals (L,N,PE)
Conductor cross-section, solid min.: 0.2 mm²; max.: 6 mm²
Conductor cross-section, flexible min.: 0.2 mm²; max.: 4 mm²

Network uplink:

Copper:
Optical fiber connector:

1 x 1000BaseTX
1 x 1000Base-SX (Multimode 850nm, SFP/LC)

Camera channels:

8 x POE+ (10/100Base(T)X, IEEE 802.3at, max.30W per Port), (RJ45 connector)

Camera heater channel:

8 x 24 VDC @ 60W per channel
Secured with T6000mA fuse
PTI 2.5 terminals
Conductor cross-section, solid min.: 0.14 mm²; max.: 4.0 mm²
Conductor cross-section, flexible min.: 0.20 mm²; max.: 2.5 mm²

Included items:

Cable gland:
Other equipment:

2 x cable gland - M25 (barrier cable gland)
Permissible cable cross-section min.: 11.1 mm²; max.: 20 mm²
2 handles