



# ExConnection Rail<sup>®</sup> 4 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 4x Camera Heaters

### Zone.

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

Further certificates upon request.

### Dimensions.

236 x 236 x 227 mm

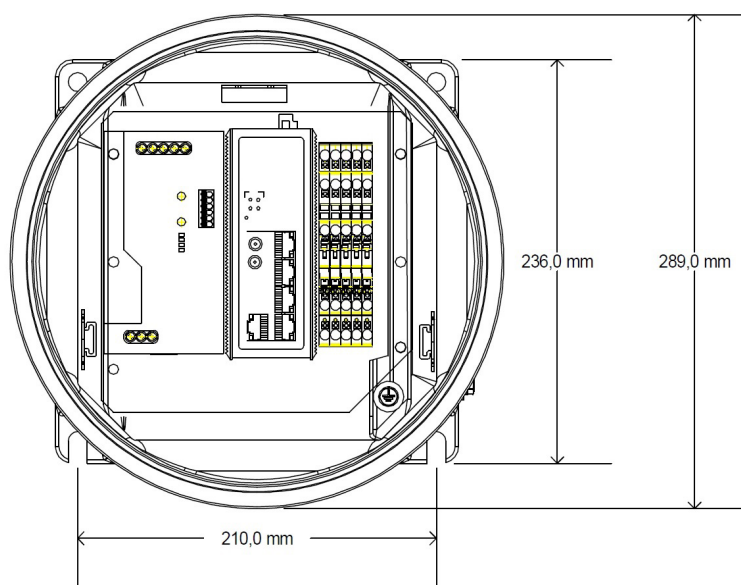


Image similar to product

## Data.

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### Explosion protection:

Model key:  
Declaration of conformity:

Ex- Certificates:

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

T04.4-D-4PoE+-100Base-FX  
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 14 kg  
1 plug - M25x1.5 spanner size 30  
1 plug - M25x1.5 spanner size 30  
2 plugs - M25x1.5 spanner size 30  
8 plugs - M20x1.5 spanner size 24  
2 plugs - 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  
480 W (max.)  
2 A @ 240 VAC (max.), 3 x PT4 terminals (L,N,PE)  
Conductor cross-section, solid min.: 0.2 mm<sup>2</sup>; max.: 6 mm<sup>2</sup>  
Conductor cross-section, flexible min.: 0.2 mm<sup>2</sup>; max.: 4 mm<sup>2</sup>



### Network uplink:

Copper:  
Optical fiber connector:

1 x 100BaseTX  
1 x 100BaseFXports (ST connector)

### Camera channels:

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

### Camera heater channel:

4 x 24 VDC @ 60W per channel  
Secured with T6000mA fuse  
PTI 2.5 terminals  
Conductor cross-section, solid min.: 0.14 mm<sup>2</sup>; max.: 4.0 mm<sup>2</sup>  
Conductor cross-section, flexible min.: 0.20 mm<sup>2</sup>; max.: 2.5 mm<sup>2</sup>

### Included items:

Cable gland:  
Other equipment:

2 x cable gland - M25x1.5 (barrier cable gland)  
Permissible cable cross-section min.: 11.1 mm<sup>2</sup>; max.: 20 mm<sup>2</sup>  
2 handles