



ExConnection Rail® 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)

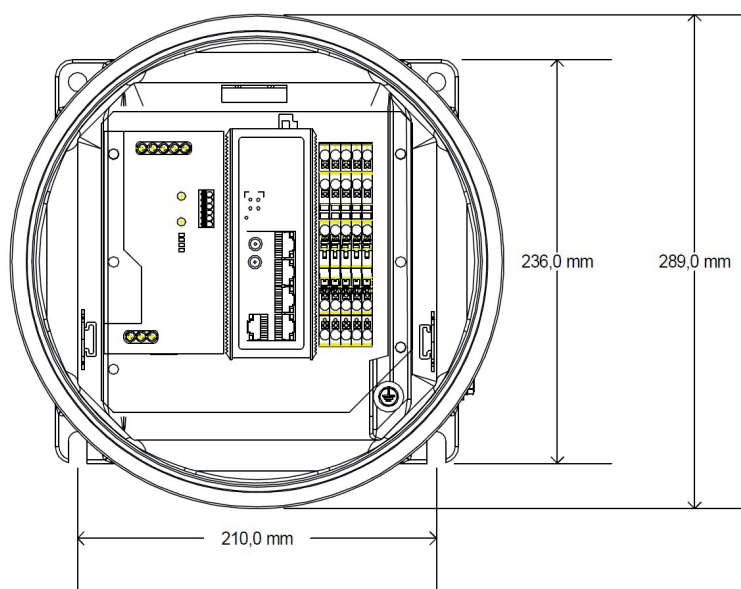
Zone.

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



Data.

ExConnection Rail® 4 POE PS24



Explosion protection

Declaration of conformity:

DIN EN/IEC 60079-0, DIN EN/IEC 60079-1,
DIN EN/IEC 60079-7, DIN EN/IEC 60079-31
TR CU 012/2011, GOST R IEC 60079-0, GOST R IEC 60079-7,
GOST R IEC 60079-1, GOST R IEC 60079-31
TUEV-10-ATEX-7969X, IECEx-TUR-16.0025X
No. TC RU C-DE. MI xxx.x.xxxxx

Ex- Certificates:

Ex- Marking:

Explosion protection (gas):
Explosion protection (dust):

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



Mechanical characteristics

Housing material:

Aluminum, copper-free and sea water resistant
lacquered in RAL 7032

Protection level:

IP66 (IEC/EN 60529)

Weight:

About 14 kg

Side left:

1 plug - M25x1.5 outside-6kt SW30

Side right:

1 plug - M25x1.5 outside-6kt SW30

Side top:

2 plugs - M25x1.5 outside-6kt SW30

Side bottom:

8 plugs - M20x1.5 outside-6kt SW24
2 plugs - M25x1.5 outside-6kt SW30

Environmental conditions

Range of temperature:

-60°C to +50°C



Power supply

Input voltage:

100 VAC - 240 VAC

Connection data input:

Conductor cross-section, solid min.: 0.2 mm²; max.: 6 mm²
Conductor cross-section, flexible min.: 0.2 mm²; max.: 4 mm²



Network uplink

Network input:

4 x POE + (10/100BaseT(X), IEEE 802.3at, max.30W per Port)
1 x 100BaseFX, 1 x 100BaseTX

Connection data:

Optical fiber connector: 100BaseFXports (ST connector)
RJ45 connector: 10/100BaseT(X)

Camera channels

4 x Ethernet

4 x 24 VDC @ 60W per pin

secured with T6000mA fuse

Conductor cross-section, solid

min.: 0.2 mm²; max.: 6 mm²

Conductor cross-section, flexible

min.: 0.2 mm²; max.: 4 mm²

Included items

Cable gland:

2 x cable gland - M25x1.5 (barrier cable gland)

Permissible cable cross-section min.: 11.1 mm; max.: 20.0 mm

Other equipment:

2 handles