



ExConnection Rail® 4P

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)



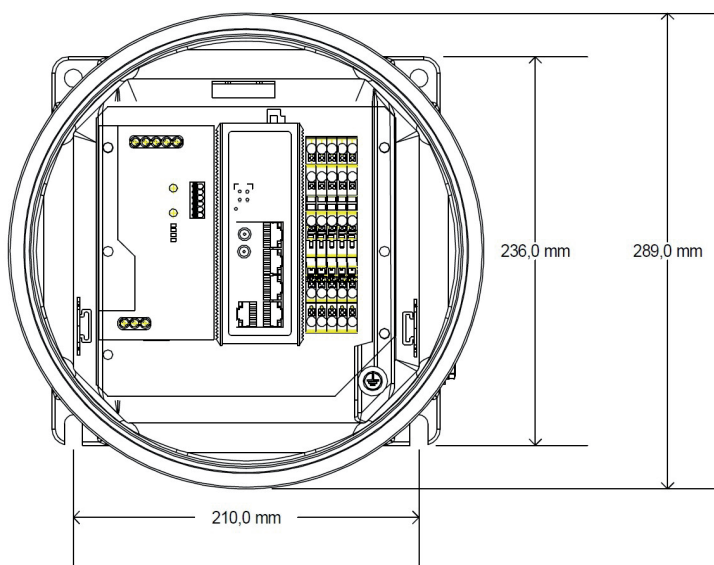
Zone.

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..

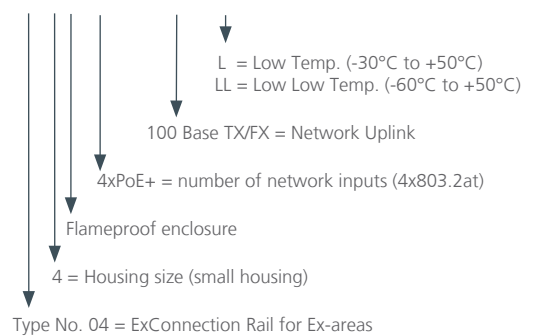
Dimensions.

236 x 236 x 227 mm



Models.

T04.4-D-4PoE+-XBaseXX-X



Data.



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):

II 2G Ex d IIC T6 Gb*

Explosion protection (dust):

II 2D Ex tb IIIC T80°C Db*

*Deviations in the Ex-Marking of the standard article are possible; LL-Version Downgrade to T5

Optional and additional marking according to ignition protection type for all types: [ia Ga/Da], [ib Gb/Db], [op is], [op pr], mb, e



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 SW30

Side right:

1 plug - M25x1.5 SW30

Side top:

2 plugs - M25x1.5 SW30

Side bottom:

8 plugs - M20x1.5 SW24

2 plugs - M25x1.5 SW30



Environmental conditions

Range of temperature:

T04.4-D-4PoE+-XBaseXX-L: -30°C to +50°C

T04.4-D-4PoE+-XBaseXX-LL: -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

Network input:

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

1 x 100BaseFX, 1 x 100BaseTX

Network uplink:

Optical fiber connector: 100BaseFX ports (ST connector)

RJ45 connector: 100BaseTX (RJ45 connector)

Camera channels

4 x Ethernet

4 x 24 VDC @ 60W per pin

fused with T6000mA fuses

Included items

Cable gland:

5 x cable gland - M20x1.5 (rubber sealed) (cameras & uplink)

1 x cable gland - M25x1.5 (rubber sealed) (power supply)

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

Other equipment:

2 handles

Optional accessory

„Mobile“:

Mounted at a portable stainless steel frame

„Plug“:

All connections are pluggable. Different systems available.

Please note:

Deviations in the ex-marking are possible!