

COEX™ ExJB-PSU Stainless Steel Junction Box

The COEX™ ExJB-PSU, which incorporates a power supply unit within the junction box, has been developed to work exclusively with COEX™ camera stations, providing a local low voltage supply and cable termination for hazardous area application. The unique designed coupled with an Ex e mb transformer eliminates the need for an Ex d junction box.



Manufactured from the highest-grade electro-polished 316L stainless steel for maximum corrosion resistance, the COEX™ ExJB range of junction boxes are designed specifically for hazardous area applications.

The ExJB range is unique in its ability to house a transformer without the need for an expensive Ex d junction box, a first for the CCTV industry.

Features

- Ex e mb Increased Safety Rating
- DNV Type Approval
- IP66 Rated
- Electro-polished 316L Stainless Steel, for Maximum Corrosion Resistance
- Enclosed System Ensures High Performance in All Climates

Options

- Lockable Cover Arrangement
- Painted Finish on External Surfaces
- Fusion Splice Organiser

Specifications

CERTIFICATIONS / RATINGS		[OPTIONS]
Certifications / Ratings	ATEX: Ex e mb IICT4-T5 Gb, Ex tb IICT94°C Db IECEx DNV Type Approval IP66 to IEC 60529 Rated Temperature: -55°C to +60°C	

ENVIRONMENTAL	
Operating Temperature	-55°C to +60°C

MECHANICAL	ExJB-PSU-5SS	ExJB-PSU-3SS	ExJB-PSU-1SS
Material	Electro-polished 316L Stainless Steel		
Mounting*2	4 x M6		
Gland Entries	4 x M20 and 1 x M25		
Dimensions (W x D x H)	436 x 132 x 436 mm	268 x 86 x 368 mm	210 x 90 x 264 mm
Weight (with PSU only)*1	12.2 kg	6.5 kg	5.8 kg

ELECTRICAL	
Power Requirements*1	115 or 230 Vac 50Hz [60Hz]
Power Consumption	100W Maximum
Electrical Connections*1	Up to 6 mm ²

NOTE: *1 Dependant on equipment fitted. *2 Fixing Kit included.