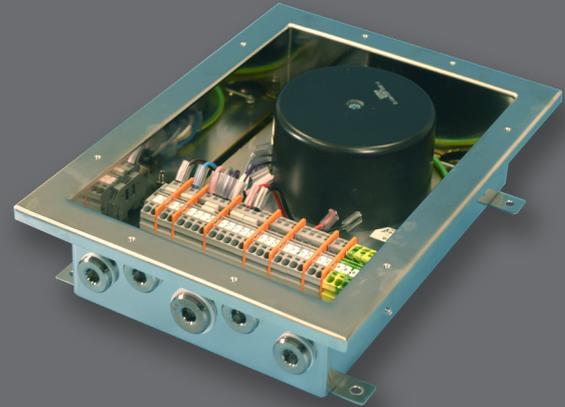


COEX™ Hazardous-Area Power Supply Unit

PSU-EXJB

The COEX™ Power Supply Unit has been developed to work exclusively with the C3000 range of camera stations, providing a local low voltage supply and cable termination for hazardous-area applications.



The Power Supply Unit has been designed for both toughness and durability as demanded for operation in the most adverse of environments. The 316L stainless steel enclosure combined with a unique design of the Ex eb mb product eliminates the need for an Ex d junction box.

The EXJB range is unique in its ability to incorporate a transformer, terminals and the option for management of fiber optic cores without the need for an expensive Ex d junction box, a world first for the hazardous area CCTV industry.

Features

- Ex eb mb combined increased safety rating
- Enclosed system ensures high performance, and certified for temperatures from -55°C to +60°C ambient temperature
- Electro-polished 316L stainless steel, for maximum corrosion resistance
- IP66 and IP67 Rated

Options

- Fiber splice provision with ST or SC connector configuration
- Lockable front cover
- Painted finish on external surfaces
- Removable sunshield
- Various voltage options
- Various size options
- Certified enclosure breather

Specifications

CERTIFICATIONS / RATINGS*1	
ATEX/IECEX/UKCA	II 2 GD, Ex eb mb IIC [IIB] T5 Gb and Ex tb IIIC T94°C Db
EMC	EN61000-6-4 & EN61000-6-2
DNV	TAA00001M2
INMETRO	BRA 21.GE0019X
ENVIRONMENTAL [OPTIONS]	
Operating Temperature*2	-55°C to +60°C / -67°F to 140°F
Storage Temperature	-55°C to +80°C / -67°F to 176°F
Ingress Protection*1	IP66 & IP67 to IEC 60529
Salt Mist	Tested to IEC 60068-2-52 & IEC 60945 Section 8.12
Vibration	0.7 g test to IEC 60068-2-6 & IEC 60945
Wind Loading	Operational to 130 km/h, survival to 200 km/h
MECHANICAL [OPTIONS]	
Material	Electro-polished 316L stainless steel
Enclosure Paint	Available on request
Dimensions (W x D x H)	[Size 3] 268 x 88 x 366 mm / 10.55" x 3.46" x 14.4" [Size 5] 444 x 131 x 444 mm / 17.48" x 5.16" x 17.48"
Weight Empty	[Size 3] 4.9 kg / 8.59 lbs [Size 5] 8.9 kg / 19.62 lbs
Weight Populated*2	[Size 3] 7.7 kg / 17.19 lbs [Size 5] 14.8 kg / 32.79 lbs
Mounting	[Size 3] 4 x Ø 6.5 mm / Ø 0.26" holes (Fixing kit included) [Size 5] 4 x Ø 9 mm / Ø 0.35" holes (Fixing kit included)
Standard Gland Entries*2	[Size 3] 4 x M20 and 1 x M25 [Size 5] 4 x M20 and 2 x M25
Fiber Splice Provision*2	[Size 3] N/A [Size 5] Up to 12x splice protectors

NOTE: *1 Exact certification requirements must be specified at the time of order. *2 Dependent on certification and equipment fitted.

PART CODE STRUCTURE

(Example) PSU - EXJB-3SS

A - B C

A - PRODUCT MODE
 PSU Power Supply Unit

B - JUNCTION BOX MODEL
 EXJB-3SS Stainless Steel Size 3
 EXJB-5SS Stainless Steel Size 5

C - COMMUNICATIONS INTERFACE
 None
 F Fiber (Size 5 only)