



**SCATTERGOOD
& JOHNSON LTD**
ELECTRICAL ENGINEERING & FLUID CONTROL DISTRIBUTORS



Crouse Hinds

Junction Boxes STB

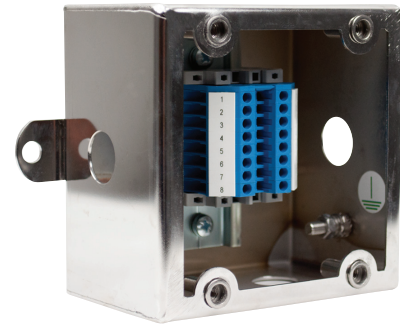


Certification Information

- * Certification Number BVS16ATEXE096X
- * Certification Number IECEx BVS 16.0062X
- * Approved to (Gas) eb IIC T6 Gb
- * Approved to (Dust) tb IIIC T80°C Db
- * Ingress Protection IP66 (EN60529)
- * Ambient Temperature Range -20°C to +40°C

Features

- * Manufactured from 316L stainless steel
- * Foam in place silicone gasket
- * Bolt down lid
- * Internal/External M6 earth stud
- * Ideal for connecting sensor cables and other small circuits
- * Pre-configured with Phoenix UT2.5 terminals see table for details
- * Clearance hole entries see table for details



ECSS1212080/SJ2-IS

Exe STB Junction Boxes Intrinsically Safe Circuits (Supplied with IS Warning Label)

Part Number	Terminal Content (Vertical Rail)	Terminal Rating	Linking	Cable Entries (Clearance Holes)	Dimensions (mm) (H x W x D)
ECSS1212080/SJ2-IS	8 x UT2.5 Blue Terminals	10A / 60V	-	4 x 20mm (1 Left, 1 Right & 2 Bottom)	120 x 120 x 80

Exe STB Instrument Junction Boxes Exd / Exe Circuits

Part Number	Terminal Content (Vertical Rail)	Terminal Rating	Linking	Cable Entries (Clearance Holes)	Dimensions (mm) (H x W x D)
ECSS1212080/SJ2	6 x UT2.5 Grey Terminals & 2 x UT2.5 Earth Terminals	16A / 690V	-	4 x 20mm (1 Left, 1 Right & 2 Bottom)	120 x 120 x 80



Cable Glands, Adaptors and Stopping Plugs

Don't forget to order your cable glands with your control stations. A wide range of Ex cable glands from leading manufacturers are available from stock in brass, nickel-plated brass, stainless steel and nylon, suitable for both armoured and non-armoured cables.

Where metal cable glands are installed into Exe terminal box with clearance holes, they should ideally be fitted with a serrated washer and locknut on the inside of the enclosure. Further guidance is available in section 4.5.4 of the CompEx Guide.

Only one Ex-certified thread adaptor or reducer is recommended per cable gland for Exe applications.

Any unused cable entries must be fitted with a suitably certified stopping plug. A wide range of nylon, brass, nickel-plated brass and stainless-steel stopping plugs is available from stock and should be ordered alongside junction or terminal boxes.

Sealing washers and earth tags are also available from stock to support correct installation, ingress protection and earthing requirements.

Zone 0
X

Zone 1
✓

Zone 2
✓

Zone 20
X

Zone 21
✓

Zone 22
✓

IEC Ex
✓