

FEATURES

- Glass reinforced polyester (GRP) with added graphite offering a highly durable enclosure
- Black RAL 9011
- IP66 protection EN 60529 to prevent dust and water ingress
- Surface resistance $<109 \Omega$
- Impact Energy 7 Jules
- Self-extinguishing UL 94 V0
- Wide operating temperature range of $-50 \text{ }^{\circ}\text{C}$ to $100 \text{ }^{\circ}\text{C}$

RS PRO Junction Boxes

RS Stock No.: 144-4451



RS Professionally Approved Products bring to you professional quality parts across all product categories. Our product range has been tested by engineers and provides a comparable quality to the leading brands without paying a premium price.

Product Description

RS PRO ATEX Explosion Proof Junction Box, IP66

Introducing ATEX explosion proof junction boxes from our own brand RS PRO, a selection of high quality and durable enclosures designed for installing and protecting a range of internal electrical parts and components. These explosion proof enclosures are perfect for use in hazardous areas that require a junction box with a high level of protection and impact resistance.

General Specifications

Body Material	Glass Reinforced Polyester
Base Material	Glass Reinforced Polyester
Gasket Material	Silicone
Application	Power Management
Colour	Black
Lid Colour	Black
Temperature Range	-50 °C to 100 °C
Service Temperature	-60 °C to +110 °C (with Silicone Gasket)
Mounting Type	Wall Mount
Shape	Rectangular
Surface Finishing	Graphite
Cover Locking	Screw
RAL Code	RAL 9011
Self-Extinguishing	Yes

Mechanical Specifications

External Length	110mm
External Width	75mm
External Height	55mm
External Dimensions	110mm x 75mm x 55mm
Tightening Torque	3 Nm to 4 Nm

Protection Category

IP Rating	IP 66 as per IEC 60529 IP67, IP68 is available on request
Explosion Proof	Yes

Approvals

Declarations	RoHS Certificate of Compliance
Hazardous Area Certification	IECEX UL 15.0045U DEMKO 15 ATEX 1475U

Similar Products

Stock No.	Brand	Product Name	Material	Dimensions	Number of ways
144-4461	RS PRO	Junction Box	GRP	400 x 250 x 120mm	
144-4457	RS PRO	Junction Box	GRP	220 x 120 x 90mm	