

## 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 <math><109 \Omega</math>
- Impact Energy 7 Jules
- Self-extinguishing UL 94 V0
- Wide operating temperature range of -50 °C to 100 °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

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

## Mechanical Specifications

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

## Protection Category

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

## Approvals

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

## 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	