

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.: 144-4457



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
ServiceTemperature	-60 °C to +110 °C
Shape	Rectangular
Cover Locking	Screw
RAL Code	RAL 9011
Self-Extinguishing	Yes

Mechanical Specifications

Length	220mm
Width	120mm
Height	90mm
Dimensions	220 x 120 x 90mm
Tightening Torque	3Nm to 4Nm

Protection Category

IP Rating	IP66
Explosion Proof	ATEX

Approvals

Declarations	RoHS Certificate of Compliance
Hazardous Area Certification	ATEX, IECEx

Similar Products

Stock No.	Brand	Product Name	Material	Dimensions	Hazardous Area Certification
144-4462	RS PRO	Junction Box	GRP	400mm x 405mm x 120mm	ATEX, IECEx
144-4452	RS PRO	Junction Box	GRP	122mm x 120mm x 90mm	ATEX, IECEx

Connection Diagrams / Assembly Diagrams / Illustrations / Accessories

RS PRO Article	Length (mm)	Width (mm)	Height (mm)	DIN Rail		Mounting Plate	Allen Lid Screw	Sealable Lid Screw	External Mounting Bracket	External Hinge
				TS 15	TS 35					
1444450	80	75	55	Y	-	Y	Y	Y	Y	Y
1444451	110	75	55	Y	-	Y	Y	Y	Y	Y
1444452	122	120	90	-	Y	Y	Y	Y	Y	Y
1901865	80	75	75	Y	-	Y	Y	Y	Y	Y
1444453	160	75	55	Y	-	Y	Y	Y	Y	Y
1444454	160	75	75	Y	-	Y	Y	Y	Y	Y
1444455	160	160	90	-	Y	Y	Y	Y	Y	Y
1901866	110	75	75	Y	-	Y	Y	Y	Y	Y
1444456	190	75	55	Y	-	Y	Y	Y	Y	Y
1901867	190	75	75	Y	-	Y	Y	Y	Y	Y
1444457	220	120	90	-	Y	Y	Y	Y	Y	Y
1444458	255	250	120	-	Y	Y	Y	Y	Y	Y
1444459	260	160	90	-	Y	Y	Y	Y	Y	Y
1444460	360	160	90	-	Y	Y	Y	Y	Y	Y
1444461	400	250	120	-	Y	Y	Y	Y	Y	Y
1444462	400	405	120	-	Y	Y	Y	Y	Y	Y
1901868	255	250	160	-	Y	Y	Y	Y	Y	Y
1901869	400	250	160	-	Y	Y	Y	Y	Y	Y
1901870	400	405	201	-	Y	Y	Y	Y	Y	Y
1901871	600	250	121	-	Y	Y	Y	Y	Y	Y
1901872	600	250	161	-	Y	Y	Y	Y	Y	Y