

## FEATURES

- IP66 ingress protection by use of Neoprene O-Ring continuous seal
- Cover seal temperature stability - 40 to +100°C
- DIN rail mounting point
- Lid and base joined using captive stainless steel lid screws
- Wall thickness 3mm

# RS PRO General Purpose Enclosures - Unpainted Die Cast Aluminium Enclosure

RS Stock No.: 8462970



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

### IP66 Diecast Aluminium Enclosure, Natural Finish

A watertight series of enclosures that are manufactured from diecast aluminium (ALSi12). The enclosures are IP66 rated and are specifically designed for Harsh & Demanding applications. The enclosure includes a lid and base, captive stainless steel lid screws, a Neoprene O-Ring continuous gasket and 4 copper plated earthing screws for grounding. These high standard enclosures are suitable for use in a wide range of environments including indoors and outdoors, providing excellent protection of internal electrical components in a range of applications.

## General Specifications

<b>Body Material</b>	Die Cast Aluminium
<b>Colour</b>	Unpainted
<b>Lid Colour</b>	Unpainted
<b>Handheld</b>	No
<b>Flanged</b>	No
<b>Shielded</b>	No
<b>Transparent Door</b>	No
<b>Features</b>	Cover seal temperature stability -40 to +100°C

## Mechanical Specifications

<b>Gasket Material</b>	Neoprene
<b>External Length</b>	400 mm
<b>External Height</b>	180 mm
<b>External Width</b>	310 mm
<b>External Dimension</b>	400 x 310 x 180mm

## Protection Category

<b>IP Rating</b>	IP66
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## Approvals

<b>Declarations</b>	RoHS Certificate of Compliance
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## Similar Products

Stock No.	Brand	Product Name	Body Material	Colour	Shielded
8462960	RS PRO	Die Cast Aluminium Enclosure	Die Cast Aluminium	Unpainted	No
8462970	RS PRO	Die Cast Aluminium Enclosure	Die Cast Aluminium	Unpainted	No

Including: Base with screws for mounting plate/DIN-rail, cover with PUR gasket and stainless steel cover screws

UD

404.0 / 402.7" / 382.5" / 356.5"

313.0 / 311.7" / 294.0 / 283.0" / 260.0" / 236.0 / 235.0"

Cylinder Screw M6 x 25/10 similar to DIN 94

SECTION C-C

20.0

5.0

011.0

404.0 / 398.4" / 390.5 / 385.4" / 382.5 / 357.1"

180.5

65.7

40.0

M6

M6

012.0 / 011.0"

136.50

BASE

\* = Conical form tapering downward.  
Untoleranced dimensions per GTA 13/5 DIN 1688

OPTIONAL ACCESSORIES		
PART NAME	QTY.	AVAILABILITY
MOUNTING PLATE	1	Y
EXTERNAL HINGE	2	Y
INTERNAL HINGE	2	Y
MOUNTING BRACKETS	4	Y
NEOPRENE/SILICON GASKET	1	Y
DIN RAIL TS15	-	N
DIN RAIL TS35	1	Y

QUANTITY	MATERIAL	MACH NAME	DATE	SIGN	NAME
	Al112 Din230		15/01/14		RRPL DESIGN
			15/01/14		MANGZ DRAWN
		TITLE :- JUNCTION BOX 400 x 310 x 180	15/01/14		PAYAN CHECKED
			15/01/14		SB . D . APPROVED
TOLERANCE	WEIGHT	FINISH	SCALE		
±0.2	-	NATURAL			
±0.2		ALL DIMENSIONS ARE IN MM			
±1.0°		RS-12			