

IP68 EMI/RFI General Purpose Enclosures

Technical Specification

Enhanced EMI/RFI protection is offered through the incorporation of a semi-conductive sealing mechanism which maintains conductivity between the lid and the enclosure, whilst preventing ingress of dust and water.

15 sizes are available, complete with silicone gasket, lid screws, and PCB guides on selected sizes. Nine sizes are also available with flanges for easy mounting.

Deltron Enclosures can customise any enclosure in our UK factory, including machining, painting, finishing, component sourcing and installation to meet your specification, save time and cut your costs. View our Services page on our website for more information.



For more information:

Phone: +44 (0)1724 273200

Features:

- Enhanced EMI/RFI Protection
- IP68 Rated
- Manufactured from ADC12
- Certified to BS EN 60529:1992
- Silicone Seal

Typical Applications:

- Marine
- Water Treatment
- Military
- Food Processing
- Aerospace

Available Dimensions:

89 x 35 x 31*	114 x 64 x 31*
114 x 89 x 56*	114 x 65 x 56*
172 x 121 x 56*	172 x 121 x 107*
222 x 146 x 56*	222 x 146 x 107
275 x 175 x 66	140 x 102 x 77*
165 x 127 x 77	120 x 100 x 36*
250 x 250 x 100	80 x 55 x 26
60 x 55 x 31	*= Available with Flanges

Finishes: Plain Aluminium, Powder or Nylon coat.

Coating Colours: Grey, Blue or Black.

Spares: Gaskets and Screws.

Or choose to have your enclosure customised for bespoke finishes and colours.

DELTRON *Enclosures* 

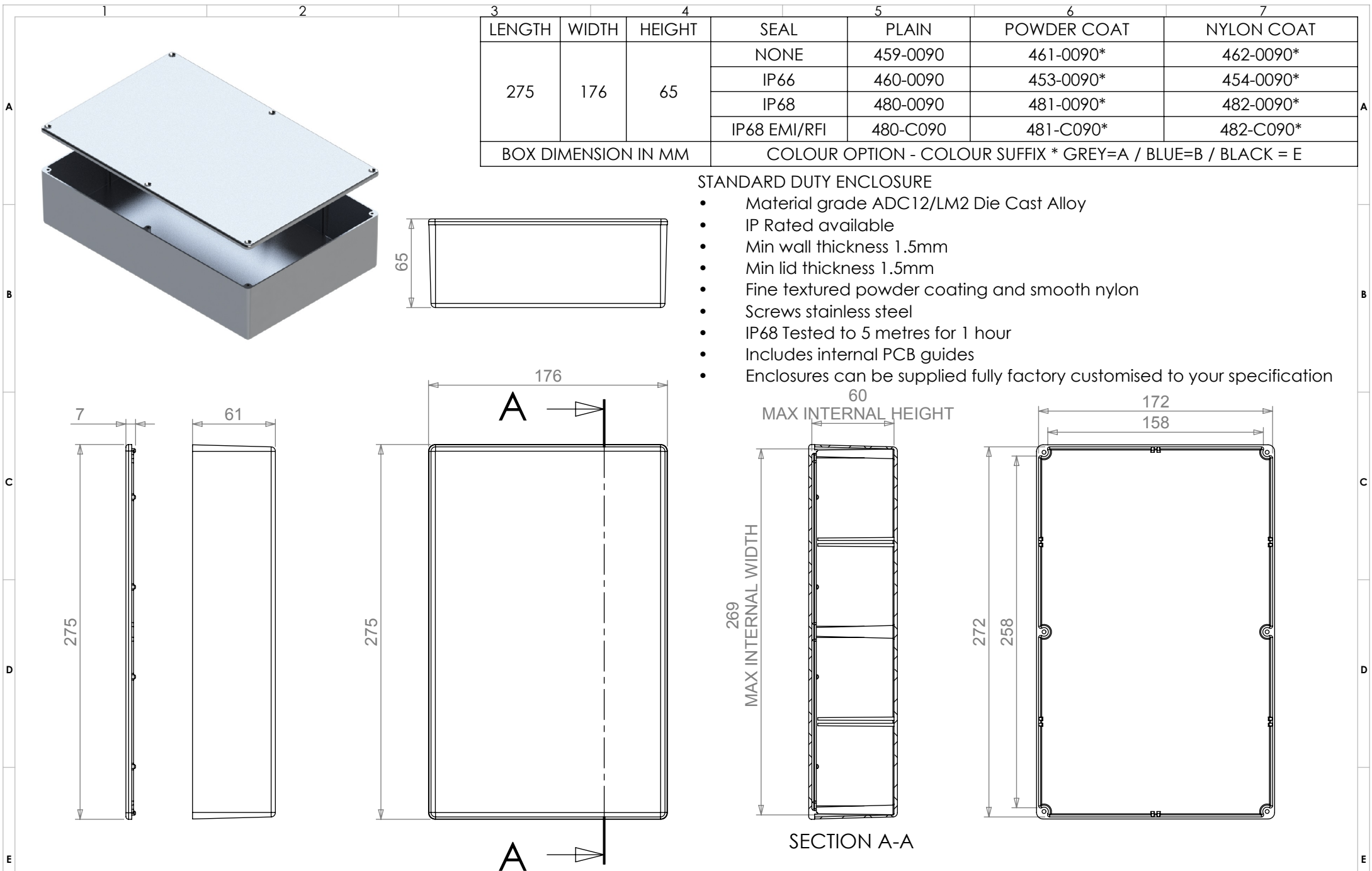
DEM Manufacturing

Deltron Emcon House,
Hargreaves Way,
Sawcliffe Industrial Park,
Scunthorpe, DN15 8RF.

Web: www.dem-uk.com/deltron-enclosures

Tel: +44 (0)1724 273200

Email: sales@dem-uk.com



LENGTH	WIDTH	HEIGHT	SEAL	PLAIN	POWDER COAT	NYLON COAT
275	176	65	NONE	459-0090	461-0090*	462-0090*
			IP66	460-0090	453-0090*	454-0090*
			IP68	480-0090	481-0090*	482-0090*
			IP68 EMI/RFI	480-C090	481-C090*	482-C090*
BOX DIMENSION IN MM			COLOUR OPTION - COLOUR SUFFIX * GREY=A / BLUE=B / BLACK = E			

- STANDARD DUTY ENCLOSURE
- Material grade ADC12/LM2 Die Cast Alloy
 - IP Rated available
 - Min wall thickness 1.5mm
 - Min lid thickness 1.5mm
 - Fine textured powder coating and smooth nylon
 - Screws stainless steel
 - IP68 Tested to 5 metres for 1 hour
 - Includes internal PCB guides
 - Enclosures can be supplied fully factory customised to your specification

Tel No. +44(0)1724 273200 Website www.dem-uk.com



PROPRIETARY AND CONFIDENTIAL
THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF
ALPHA 3 MANUFACTURING.
ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF
ALPHA 3 MANUFACTURING IS PROHIBITED.
DEM DEM Manufacturing, Deltron Emcon House
Hargreaves Way, Sawcliffe Ind. Park,
Scunthorpe, North Lincolnshire, DN15 8RF, UK

FINISH
PLAIN/POWDER COATED/NYLON
DEBURR AND BREAK
SHARP EDGES
IF IN DOUBT ASK
DO NOT SCALE DRAWING
MATERIAL
ALUMINIUM ALLOY

DRAWN BY
AY
APPROVED BY
DT
THIRD ANGLE PROJECTION
SHEET 1 OF 2
SCALE 1:3.5
A4

TITLE
STANDARD DUTY ENCLOSURE
BOX & LID ASSEMBLY
DRAWING NO.
J ENCLOSURE
ISSUE
002
Release