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 captive screws, earth 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 273206

Features:

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

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.
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.

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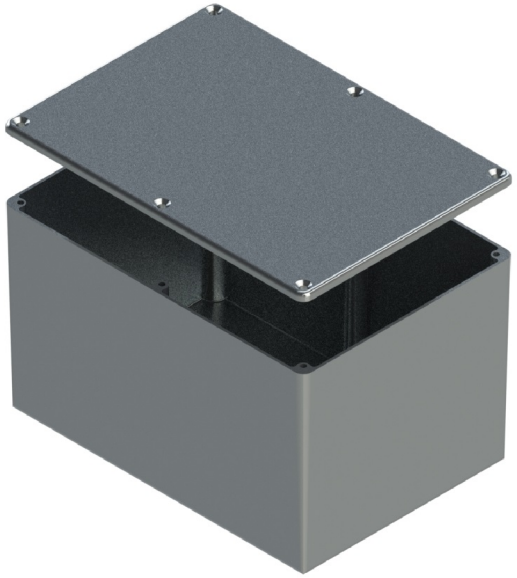
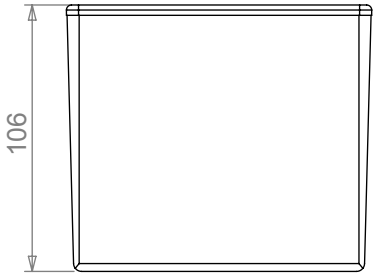
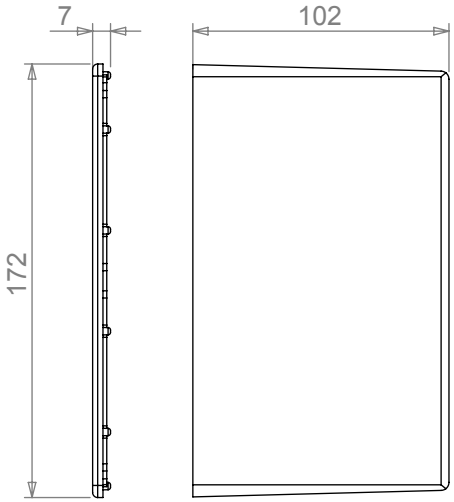


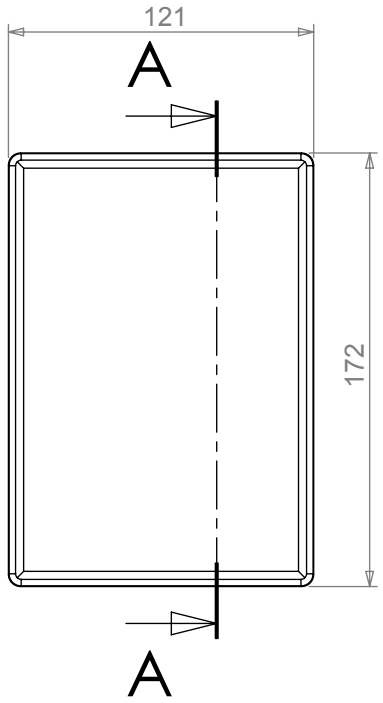
LENGTH	WIDTH	HEIGHT	SEAL	PLAIN	POWDER COAT	NYLON COAT
172	121	106	NONE	459-0060	461-0060*	462-0060*
			IP66	460-0060	453-0060*	454-0060*
			IP68	480-0060	481-0060*	482-0060*
			IP68 EMI/RFI	480-C060	481-C060*	482-C060*
BOX DIMENSION IN MM			COLOUR OPTION - COLOUR SUFFIX * GREY=A / BLUE=B / BLACK = E			



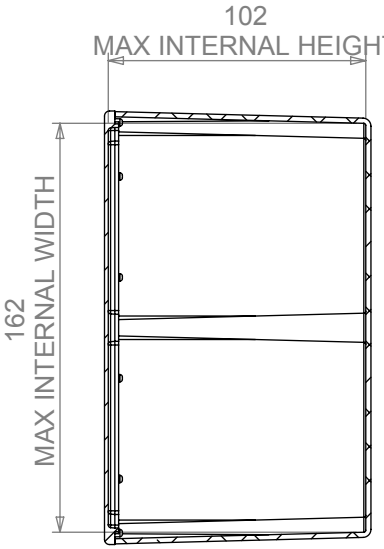
STANDARD DUTY ENCLOSURE

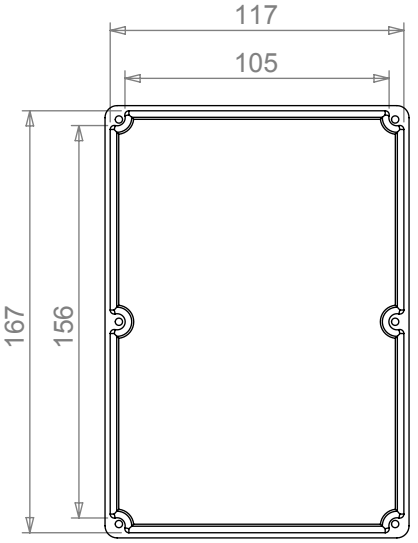
- Material grade ADC12/LM2 Die Cast Alloy
- IP Rated available
- Min wall thickness 1.5mm
- Min lid thickness 1.5mm
- Fine textured powder coating and smooth nylon
- Screws stainless steel
- IP68 Tested to 5 metres for 1 hour
- Enclosures can be supplied fully factory customised to your specification





SECTION A-A





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FINISH	PLAIN/POWDER COAT/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
	A4

TITLE: STANDARD DUTY ENCLOSURE BOX & LID ASSEMBLY -

DRAWING NO. F ENCLOSURE

ISSUE 001 Release