

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,
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Scunthorpe, DN15 8RF.

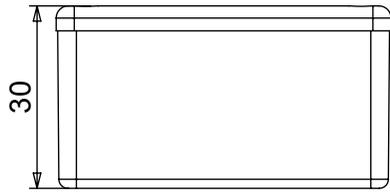
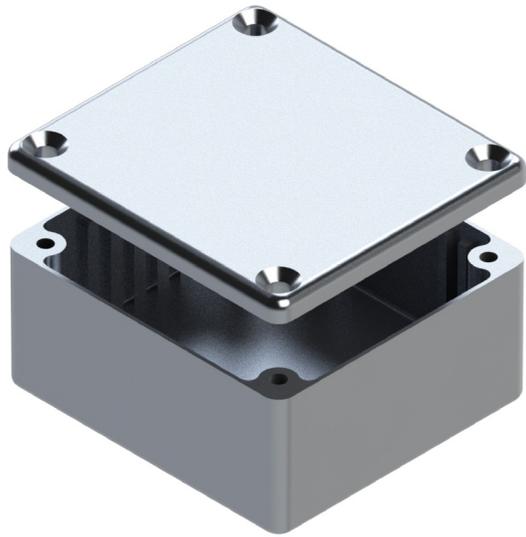
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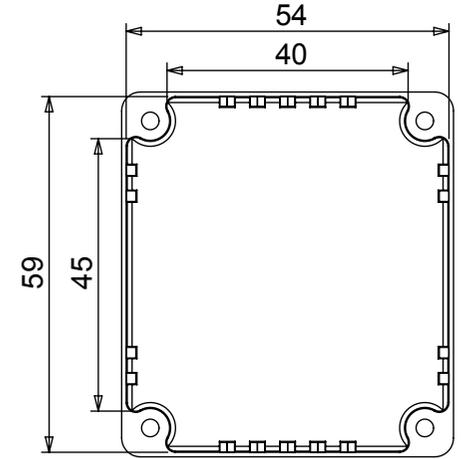
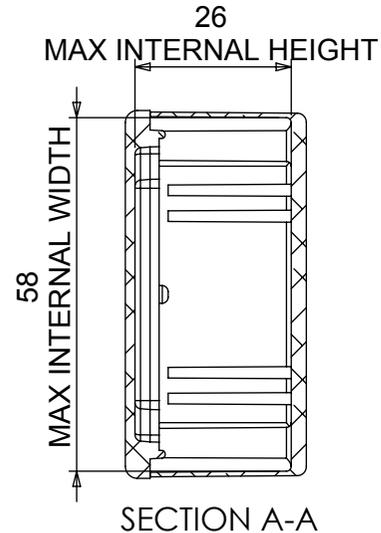
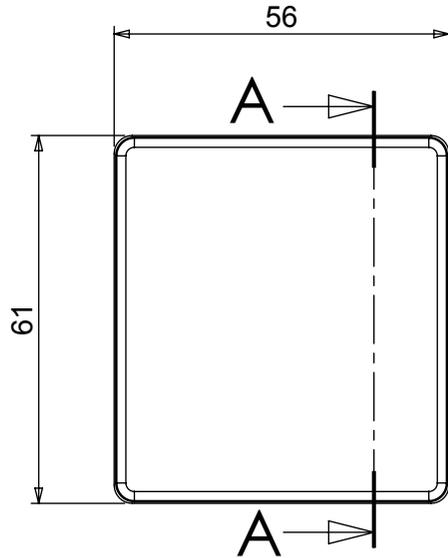
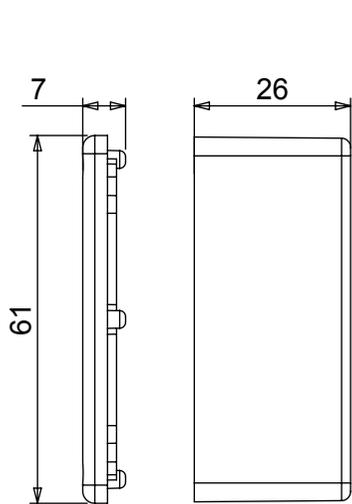
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|-----|---|-------------|------------|-----------------------|
| REV | 1 | DATE | ECN NUMBER | ECR COMMENT |
| 003 | | 06 Jun 2017 | C03614 | TORQUE SETTINGS ADDED |

| LENGTH | WIDTH | HEIGHT | SEAL | TORQUE SETTINGS | PLAIN | POWDER COAT | NYLON COAT |
|---------------------|-------|--------|---|-----------------|----------|-------------|------------|
| 61 | 56 | 30 | NONE | NONE | 459-0150 | 461-0150* | 462-0150* |
| | | | IP66 | 0.3Nm | 460-0150 | 453-0150* | 454-0150* |
| | | | IP68 | 0.7Nm | 480-0150 | 481-0150* | 482-0150* |
| | | | IP68 EMI/RFI | 1.0Nm | 480-C150 | 481-C150* | 482-C150* |
| 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



DELTRON Components | **b'es** | **DEM** | **Alpha3 manufacturing**

DELTRON Enclosures | **ROXBURGH EMC**

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UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETRES
 LINEAR & RADIAL TOLERANCE:
NO DECIMAL PLACES
1 DECIMAL PLACE
2 DECIMAL PLACES
ANGULAR TOLERANCE:

IF IN DOUBT ASK! DO NOT SCALE DRAWING!

FINISH: SEE NOTES
 MATERIAL: ALUMINIUM ALLOY

THE FINISHED PRODUCT SHOULD BE CLEAN AND FREE FROM ALL LIQUIDS AND DEBRIS. SURFACES SHOULD BE OF UNIFORM APPEARANCE FREE FROM SHARP EDGES, BURRS AND CORROSION

AUTHOR: Alex Yau
 EDITOR: DT
 APPROVER: DT

THIRD ANGLE PROJECTION

SHEET 1 OF 1
 SCALE 1:1.25 A4

TITLE: PLAIN ENCLOSURE
 FILE: Q ENCLOSURE
 PART: BOX & LID ASSEMBLY

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