

| REV. | CNN | CNN DESCRIPTION | Date       | Check in     |
|------|-----|-----------------|------------|--------------|
| 07   |     | TEXT UPDATE     | 09/07/2014 | Shaun Barron |
| 08   |     | TEXT UPDATE     | 25/11/2014 | Shaun Barron |

PLAIN - SEALED IP68

| BOX SIZE (MM) |       |       |       |      | ORDER CODE |               |              |
|---------------|-------|-------|-------|------|------------|---------------|--------------|
| PCB GUIDE     | L     | W     | H     | Size | Plain      | Powder Coated | Nylon Coated |
|               | 88.9  | 34.9  | 30.5  | A    | 480-0010   | 481-0010 **   | 482-0010 **  |
|               | 114.3 | 63.5  | 30.5  | B    | 480-0020   | 481-0020 **   | 482-0020 **  |
|               | 114.3 | 88.9  | 55.9  | C    | 480-0030   | 481-0030 **   | 482-0030 **  |
|               | 114.3 | 64.5  | 55.9  | D    | 480-0040   | 481-0040 **   | 482-0040 **  |
|               | 171.5 | 120.6 | 55.9  | E    | 480-0050   | 481-0050 **   | 482-0050 **  |
|               | 171.5 | 120.6 | 106.7 | F    | 480-0060   | 481-0060 **   | 482-0060 **  |
|               | 222.3 | 146   | 55.9  | G    | 480-0070   | 481-0070 **   | 482-0070 **  |
|               | 222.3 | 146   | 106.7 | H    | 480-0080   | 481-0080 **   | 482-0080 **  |
| *             | 275   | 175   | 66    | J    | 480-0090   | 481-0090 **   | 482-0090 **  |
| *             | 139.7 | 101.6 | 77    | K    | 480-0100   | 481-0100 **   | 482-0100 **  |
| *             | 165   | 127   | 77    | L    | 480-0110   | 481-0110 **   | 482-0110 **  |
| *             | 120   | 100   | 36    | M    | 480-0120   | 481-0120 **   | 482-0120 **  |
| *             | 250   | 250   | 100.3 | N    | 480-0130   | 481-0130 **   | 482-0130 **  |
| *             | 80    | 55    | 26    | P    | 480-0140   | 481-0140 **   | 482-0140 **  |
| *             | 60    | 55    | 31    | Q    | 480-0150   | 481-0150 **   | 482-0150 **  |

\* Boxes with PCB guides      \*\* Colour option - Code Suffix: Grey = A    Blue = B    Black = E

FLANGED - SEALED IP68

| BOX SIZE (MM) |       |             |       |       | ORDER CODE |          |               |              |
|---------------|-------|-------------|-------|-------|------------|----------|---------------|--------------|
| PCB GUIDE     | L     | L (exc Flg) | W     | H     | Size       | Plain    | Powder Coated | Nylon Coated |
| *             | 114.3 | 89.2        | 35.1  | 30.5  | A          | 483-0010 | 484-0010**    | 485-0010**   |
| *             | 139.7 | 114.1       | 63.6  | 30.5  | B          | 483-0020 | 484-0020**    | 485-0020**   |
| *             | 139.7 | 114.2       | 89.1  | 55.9  | C          | 483-0030 | 484-0030**    | 485-0030**   |
| *             | 139.7 | 114.7       | 63.7  | 55.9  | D          | 483-0040 | 484-0040**    | 485-0040**   |
| *             | 202   | 171.8       | 120.8 | 55.9  | E          | 483-0050 | 484-0050**    | 485-0050**   |
| *             | 202   | 171.8       | 120.8 | 106.7 | F          | 483-0060 | 484-0060**    | 485-0060**   |
| *             | 252   | 222.6       | 146.4 | 55.9  | G          | 483-0070 | 484-0070**    | 485-0070**   |
| *             | 170   | 140         | 101.6 | 77    | K          | 483-0100 | 484-0100**    | 485-0100**   |
| *             | 150   | 119.8       | 100.2 | 36    | M          | 483-0120 | 484-0120**    | 485-0120**   |

\* Boxes with PCB guides      \*\* Colour option - Code Suffix: Grey = A    Blue = B    Black = E

LID HAS SEAL LOCATION LUGS TO AID SEAL FITMENT AND SEALING

SELF ADHESIVE SILICONE RUBBER SPONGE

PRE-DRILLED FLANGED OPTION

Enclosures Shall have A Good Flat Sealing Faces To Ensure IP Rating

- A RANGE OF DIE CAST ALUMINIUM ENCLOSURES SEALED TO IE C60529:2001 IP66, IP67 AND IP68 (5Mtrs for 1 hour)
- SILICONE RUBBER SPONGE 01-255FRSEAL WITH SELF ADHESIVE 01-255AB BACKING(EMI SEAL & GASKET Ltd)
- MIN SEAL THICKNESS 3.0MM - MIN SEAL FRAME WIDTH 4.0MM
- MIN ENCLOSURE WALL THICKNESS 1.5MM
- MIN ENCLOSURE LID THICKNESS 1.5MM
- SEAL FACE PAINT FREE
- IP TESTED LID SCREW TORQUE SETTINGS 0.65Nm

INTERPOLATED SIZES ARE PERMITTED PROVIDED THE MAXIMUM CENTRES ARE MAINTAINED IN ACCORDANCE WITH THE 455/459 SERIES SPECIFICATION