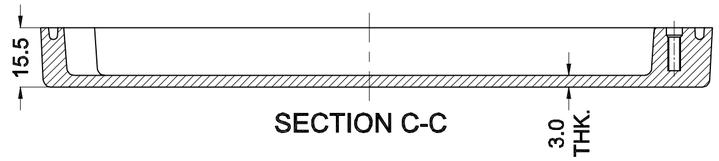
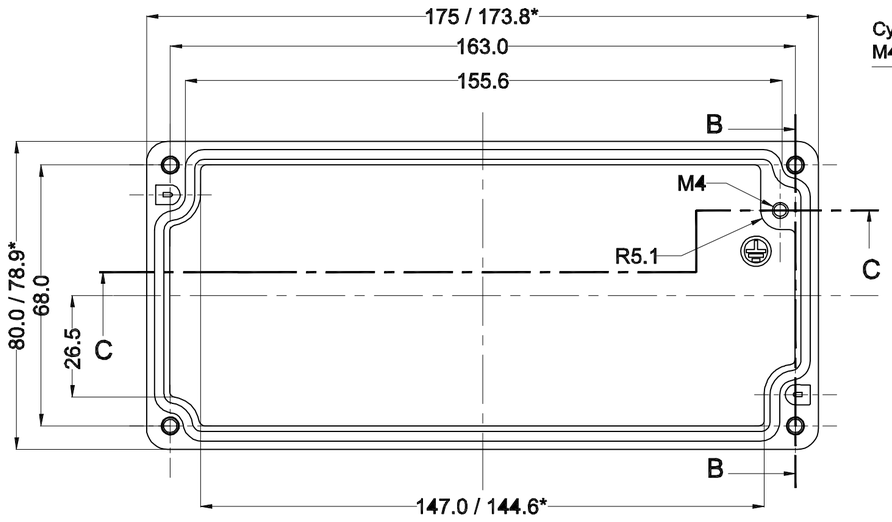
GENERAL SPECIFICATION AND AREA CLASSIFICATION:

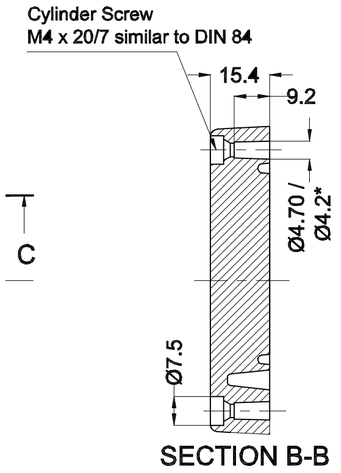
1. MATERIAL COMPOSITION - AlSi 12
2. DEGREE OF PROTECTION IP66 AS PER IEC 60529 : 1989 +A1 : 2000
3. SERVICE TEMPERATURE RANGE : - 50 °C to +135 °C
4. ALL DIMENSIONS ARE IN mm. UNLESS STATED OTHERWISE.
5. SURFACE WILL BE POWDER COATED.(RAL-7001)
6. THE JUNCTION BOX WILL BE MARKED WITH
7. II 2 G Ex e IIC Gb
   II 2 D Ex tb IIIC Db IP 66
   0539
   DEMKO 13 ATEX 1327771U
   IECEx UL 13.0042U
8. TRADE MARK

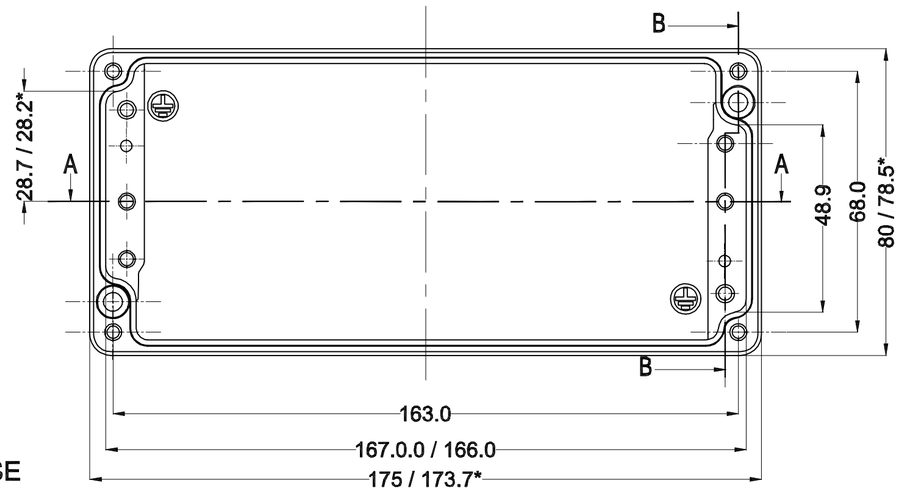
⚠ NOT TO BE REVISED WITHOUT NOTIFICATION TO THE ExCB/NOTIFIED BODY

LID

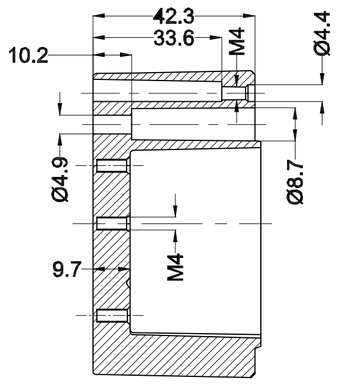




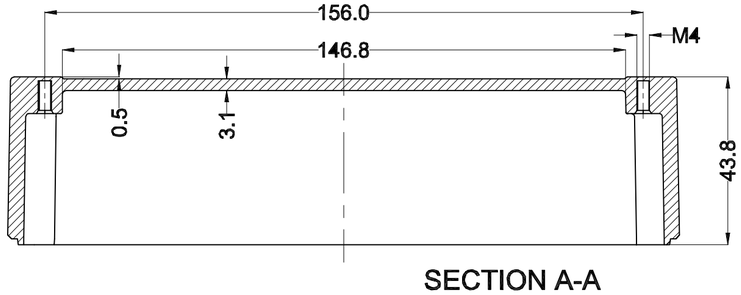




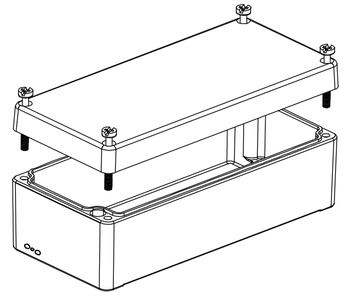
BASE

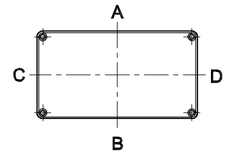


SECTION B-B



SECTION A-A





Opening Detail (Size)	NO OF HOLES SIDE A/B	Min. Distance between the opening for Side A/B (mm)	NO OF HOLES SIDE C/D	Min. Distance between the opening for Side C/D (mm)	Opening Detail (Size) PG	NO OF HOLES SIDE A/B	Min. Distance between the opening for Side A/B (mm)	NO OF HOLES SIDE C/D	Min. Distance between the opening for Side C/D (mm)	Min. Distance of last opening from the enclosure end on side A/B (mm)	Min. Distance of last opening from the enclosure end on side C/D (mm)
M12	6	10	2	11	Pg.7	6	10	2	11	14	22
M16	6	10	2	11	Pg.9	6	10	2	11	14	22
M20	5	10	1	-	Pg.11	6	8	2	8	16	25
M25	3	30	1	-	Pg.13.5	5	9	2	8	20	25
M32	-	-	-	-	Pg.16	4	15	1	-	19	25
M40	-	-	-	-	Pg.21	3	21	-	-	23	-
M50	-	-	-	-	Pg.29	-	-	-	-	-	-
M63	-	-	-	-	Pg.36	-	-	-	-	-	-
-	-	-	-	-	Pg.42	-	-	-	-	-	-
-	-	-	-	-	Pg.48	-	-	-	-	-	-

SR.NO.	PART NAME	DRAWING NO.	MATERIAL	QTY
5	SILICON GASKATE	JB-02GSK-07	SILICON	1
4	JB EXTERNAL EARTHING SET	-	AISI 304	1
3	LID MOUNTING SCREW	M6 JB-SCR-LD-00	AISI 304	4
2	JB-EARTHING SCREW	-	MS COPPER PLATED	2
1	JUNCTION BOX Ex-175 x 80 x 57	Ex-1758057	AlSi 12	1

B.O.M.

FINISH:
GRAY TEXTURE POWDERCOAT RAL 7001

OPTIONAL ACCESSORIES:
STEEL MOUNTING PLATE #MPX-510
ALUMINUM MOUNTING PLATE #MPX-510-A
EXTERNAL BRACKETS KIT #MTX-6512

DRAWING FOR REFERENCE
WE RESERVE THE RIGHT TO MAKE CHANGES TO OUR STANDARD PRODUCTS. PLEASE CONSULT WITH BUD INDUSTRIES PRIOR TO USING THIS DRAWING FOR DESIGN PURPOSE.

ALL DIMENSIONS ARE IN MM

BUD	PART NAME	EXPLOSION PROOF ENCLOSURE	PART No.	ATX-10510 (Ex-AJB-1758057)	REV. DATE	10-27-15

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