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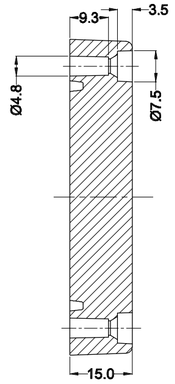
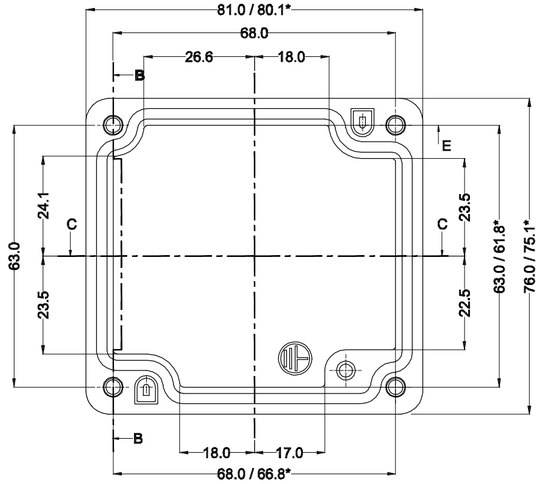
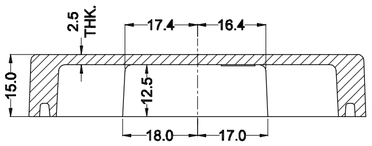
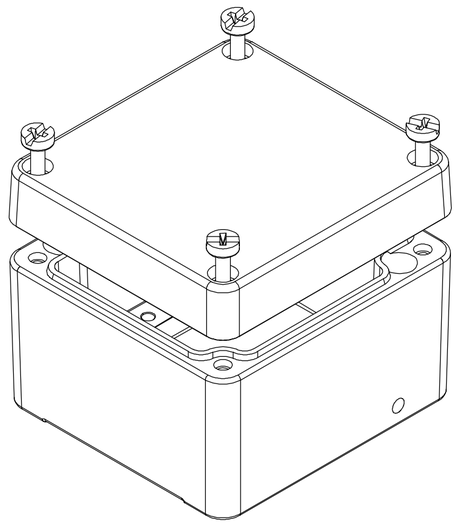


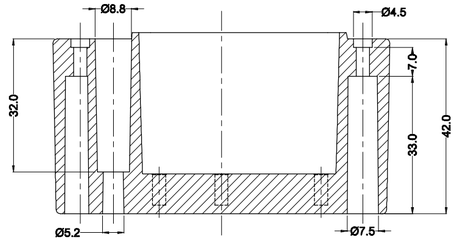
SECTION B-B





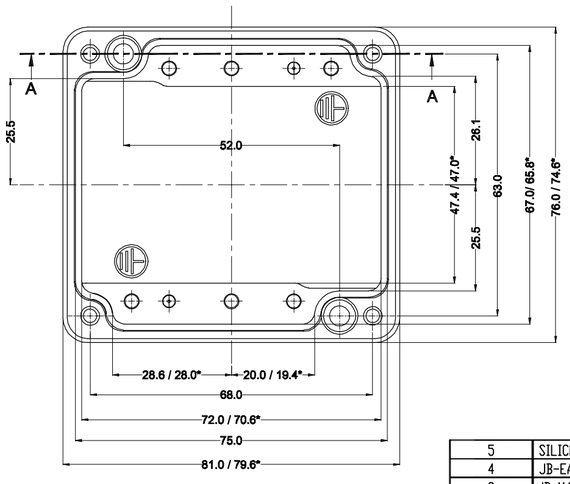
SECTION C-C





SECTION A-A

BASE



GENERAL SPECIFICATION AND AREA CLASSIFICATION:

1. STANDARDS - IEC/EN 60079-0, IEC/EN 60079-7 & IEC/En 60079-31.
2. MATERIAL COMPOSITION - AlSi 12
3. DEGREE OF PROTECTION IP66 AS PER IEC 60529 : 1989 +A1 : 2000
4. GASKET MANUFACTURER - WACKER CHEMIE AG, MODEL: CENUSIL R 150 AND - CONTINOUS OPERATING TEMPERATURE AS - 70°C TO 200°C
5. MAGNESIUM , TITANIUM AND ZIRCONIUM CONTENTS ARE < 2%.
6. SERVICE TEMPERATURE RANGE : - 50 °C to +135 °C
7. ALL DIMENSIONS ARE IN mm. UNLESS STATED OTHERWISE.
8. SURFACE WILL BE POWDER COATED.
9. THE JUNCTION BOX WILL BE MARKED WITH

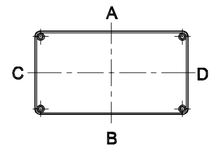
   0539

   II 2 G Ex e IIC Gb

   II 2 D Ex tb IIIC Db IP 66 IP

   DEMKO 13 ATEX 1327771U
   IECEx UL 13.0042U
10. TRADE MARK
11. TIGHTENING TORQUE - (2-3) NM

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



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	2	11	3	11	Pg.7	2	11	3	11	15	16
M16	2	11	3	11	Pg.9	2	11	3	11	15	16
M20	1	-	2	9	Pg.11	1	-	2	8	24	13
M25	1	-	1	-	Pg.13.5	1	-	2	9	25	17
M32	-	-	-	-	Pg.16	1	-	1	-	25	17
M40	-	-	-	-	Pg.21	-	-	-	-	-	-
M50	-	-	-	-	Pg.29	-	-	-	-	-	-
M63	-	-	-	-	Pg.36	-	-	-	-	-	-
-	-	-	-	-	Pg.42	-	-	-	-	-	-
-	-	-	-	-	Pg.48	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-

FINISH:
GRAY TEXTURE POWDERCOAT RAL 7001

OPTIONAL ACCESSORIES:
STEEL MOUNTING PLATE #MPX-501
ALUMINUM MOUNTING PLATE #MPX-501-A
EXTERNAL BRACKETS KIT #MTX-4503

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-10501 (Ex-AJB-758057)	REV. DATE	10-27-15

SR.NO.	PART NAME	DRAWING NO.	MATERIAL	TOOL NO.	QTY.
5	SILICON GASKATE	-	SILICON	-	1
4	JB-EARTHING M4 SCREW	-	AISI 304 / AISI 316	-	4
3	JB-M4x20/7 SCREW	-	MS/304/316/COPPER	-	4
2	BASE JUNCTION BOX 75 X 80 X 57	Ex-R-758057-B	AlSi 12	1-19	1
1	LID JUNCTION BOX 75 X 80 X 57	Ex-R-758057-L	AlSi 12	1-20	1

B.O.M.

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