



**FRONT VIEW**

**SIDE VIEW**

- Reference IS/IEC Standard as follows :
- 1 - FLAMEPROOF (Ex d) PROTECTION - IIA/IB, IS/IEC 60079-1 (2014)
  - TEMPERATURE CLASS - T6
  - 2 - INGRESS (IP) PROTECTION - IP-65, IS/IEC 60529 (2001)

**Standard Specification :**

- 1 - MATERIAL - CAST ALUMINIUM ALLOY
- 2 - FINISH - INSIDE & OUTSIDE LIGHT GREY EPOXY POWDER COATING SHADE No. 631 AS PER IS-5
- 3 - EARTHING - 1 No. INSIDE & 2 Nos. OUTSIDE M6 SIZE S.S./BRASS SCREWS WITH 2 Nos. PLAIN WASHER
- 4 - HARDWARE - STAINLESS STEEL
- 5 - GASKET - NEOPRENE RUBBER GASKET
- 6 - MOUNTING ARRGT. - AS SHOWN IN DRG.

**Material / Components Specification :**

- 1 - S.S. NAME CUM WARNING PLATE (WITH DESCRIPTION TITLE, CIMFR, PESO, SR. NO., GAS GROUP, RATING, BIS MARKING, WARNING STATUS, etc...)
- 2 - INTERNAL SIZE OF ENCLOSURE (BODY+COVER) -  $\varnothing 80 \times 40\text{mm}$
- 3 - TERMINALS - MAX. 6 Nos. 2.5sq. mm CLIP-ON TYPE TERMINALS OF 'CONNECTWELL/ELMEX' MAKE (DETAIL TO BE SPECIFIED BY CUSTOMER)
- 4 - CABLE GLAND - (Ex d) DOUBLE COMPRESSION TYPE CABLE GLAND OF 'SUDHIR' MAKE
- 5 - STOPPING PLUG - (Ex d) STOPPING PLUG OF 'SUDHIR' MAKE

- Fitting OPTIONS :**
- 1) MATERIAL CONSTRUCTION : STAINLESS STEEL
  - 2) VOLTAGE : 415V AC
  - 3) CABLE GLAND & PLUG : BRASS/S.S./ALUMINIUM
  - 4) PAINT SHADE : 632/355/7031/7032, etc... (As per Standard)
  - 5) CANOPY : M.S. / G.I. / FRP
  - 6) AMP. RATING : UP TO 30 Amp. (MAX.)
  - 7) CABLE ENTRIES : LEFT / RIGHT / TOP / BOTTOM SIDE

**NOTE :**  
 COMPONENT LAYOUT IS TENTATIVE RELOCATION OF PARTS & COMPONENTS IS POSSIBLE AT THE TIME OF ACTUAL MANUFACTURING.  
 OVERALL DIMENSIONS ARE  $\pm 10\text{mm}$

<p><b>NOTE :</b>                  COMPONENT LAYOUT IS TENTATIVE RELOCATION OF PARTS &amp; COMPONENTS IS POSSIBLE AT THE TIME OF ACTUAL MANUFACTURING.                  OVERALL DIMENSIONS ARE <math>\pm 10\text{mm}</math></p>		<p>CAT. No.  <b>JB/OA/104</b></p>
<p>MODEL No.:  <b>JB/104-JB</b></p>		<p>DRN. profile</p>
<p>CHKD. JASHWANTH</p>	<p>CHKD. .</p>	<p>APPR. .</p>
<p>SHEET 1 OF 1</p>	<p>SCALE N. T. S.</p>	<p>REV.- 0</p>
<p>DRN. .</p>	<p>CHKD. .</p>	<p>APPR. .</p>
<p>DATE .</p>	<p>DESCRIPTION</p>	<p>DRN. .</p>
<p>REV. .</p>	<p>DATE .</p>	<p>DRN. .</p>

**SUDHIR SWITCHGEARS PVT. LTD.**  
 130, MULBEA SAMAGHAR MARG, MULBEA - 400 023

TITLE : **FLAMEPROOF-WEATHERPROOF ENCLOSURE FOR JUNCTION BOX**

CHKD. CERT. No. : **CIMFR/TC/P/223**

Dt. **28/05/2012**

PESO No. : .

BIS LICENCE No. : **CM/L-0003531365**

THIS DRAWING IS PROPERTY OF "SUDHIR SWITCHGEARS PVT. LTD." AND MUST BE RETURNED ON REQUEST IF IT IS SUBMITTED AS CONFIDENTIAL INFORMATION IN CONNECTION WITH ENQUIRY, TENDER, ORDER, OR CONTRACTS IT IS NOT TO BE USED FOR ANY OTHER PURPOSE OR ORDER NOR MAY IT RE-COPIED OR LENT WITHOUT OUR AUTHORITY IN WRITING.