

**FRONT VIEW**

**SIDE VIEW**

**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) INTERNAL COMPONENTS : CU/AL. BUSBAR
- 7) AMP. RATING : UP TO 800 Amp. (MAX.)
- 8) CABLE ENTRIES : LEFT / RIGHT / TOP / BOTTOM SIDE
- 9) ENCLOSURE EXTERNAL SIZE : 780(H) x 530(W) x 190/245/295mm
- 10) ENCLOSURE INTERNAL SIZE : 500(H) x 750(W) x 155/210/260mm

- Reference IS/IEC Standard as follows :**
- 1 - FLAMEPROOF (Ex d) PROTECTION - IIA/IIb, IS/IEC 60079-1 (2014)
  - TEMPERATURE CLASS - T6
  - 2 - INGRESS (IP) PROTECTION - IP-66, IS/IEC 60529 (2001). (Reaffirmed 2014)

**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.

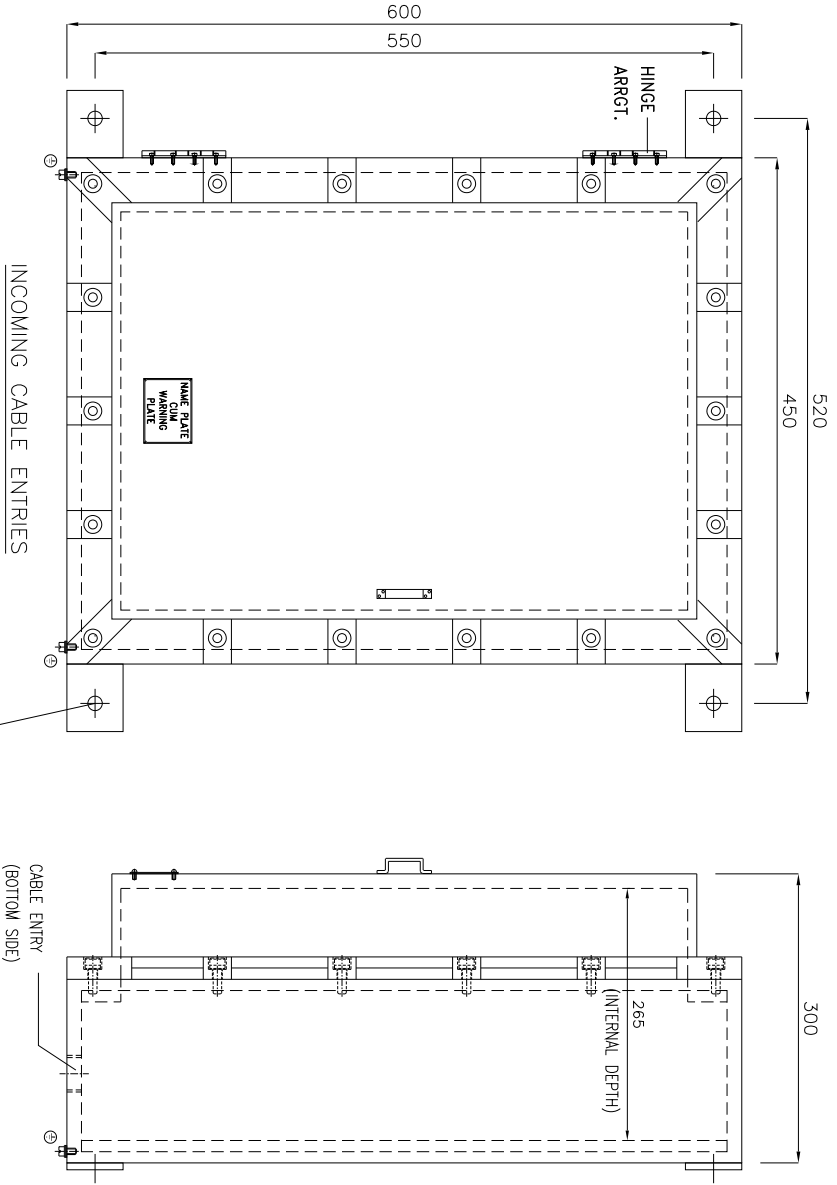
**Material / Components Specification :**

- 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) - 750 x 500 x 260mm
- 3 - M.S. PLATE WITH WHITE EPOXY POWDER COATING WILL BE PROVIDED OF SIZE : 700 x 440 x 2mm Thk. (ENCLOSURE OPENING 690 x 445mm)
- 4 - TERMINALS - CLIP-ON / BUSBAR TYPE TERMINALS OF 'CONNECTWELL/ ELMEX' MAKE (DETAIL TO BE SPECIFIED BY CUSTOMER)
- 5 - CABLE GLAND - (Ex d) DOUBLE COMPRESSION TYPE CABLE GLAND OF 'SUDHIR' MAKE
- 6 - STOPPING PLUG - (Ex d) STOPPING PLUG OF 'SUDHIR' MAKE

<b>NOTE :</b>		CAT. No.	RCP/221
COMPONENT LAYOUT IS TENTATIVE RELOCATION OF PARTS & COMPONENTS IS POSSIBLE AT THE TIME OF ACTUAL MANUFACTURING.		MODEL No.:	RCP/221/B1
OVERALL DIMENSIONS ARE ±10mm		DRN.	profill
Δ		CHKD.	JASNAK
Δ		APPD.	
Δ		SHEET	1 OF 1
REV.	DATE	DESCRIPTION	DRN.

<b>SUDHIR SWITCHGEARS PVT. LTD.</b>		130, MULBEN SAMACHER MARG, MULBEN - 400 023
TITLE : <b>FLAMEPROOF-WEATHERPROOF ENCLOSURE FOR JUNCTION BOX</b>		
CHKD. CERT. No.	IN/CIMFR/TR21/R/H187	PESO No. : PS41015/1
Dt. 17/08/2021		Dt. 19/07/2022
		BIS LICENCE No. : CM/L-000331365

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4 Nos.  $\phi 13mm$  FREE HOLES ON M.S. PLATE FOR MOUNTING

**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) INTERNAL COMPONENTS : CU/AL. BUSBAR
- 7) AMP. RATING : UP TO 600 Amp. (MAX.)
- 8) CABLE ENTRIES : LEFT / RIGHT / TOP / BOTTOM SIDE
- 9) ENCLOSURE EXTERNAL SIZE : 450(H) x 600(W) x 210/300/360mm
- 10) ENCLOSURE INTERNAL SIZE : 420(H) x 570(W) x 175/265/325mm

**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-66, IS/IEC 60529 (2001). (Reaffirmed 2014)

**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) - 570 x 420 x 265mm
- 3 - M.S. PLATE WITH WHITE EPOXY POWDER COATING WILL BE PROVIDED OF SIZE : 510 x 365 x 2mm Thk. (ENCLOSURE OPENING 520 x 375mm)
- 4 - TERMINALS - CLIP-ON / BUSBAR TYPE TERMINALS OF 'CONNECTWELL/ ELMEX' MAKE (DETAIL TO BE SPECIFIED BY CUSTOMER)
- 5 - CABLE GLAND - (Ex d) DOUBLE COMPRESSION TYPE CABLE GLAND OF 'SUDHIR' MAKE
- 6 - STOPPING PLUG - (Ex d) STOPPING PLUG OF 'SUDHIR' MAKE

<b>NOTE :</b>		CAT. No	RCP/221
COMPONENT LAYOUT IS TENTATIVE RELOCATION OF PARTS & COMPONENTS IS POSSIBLE AT THE TIME OF ACTUAL MANUFACTURING.		MODEL No.:	RCP/221/B2
OVERALL DIMENSIONS ARE $\pm 10mm$		DRN.	profili
		CHKD.	JASNAK
		APPR.	
		SHEET	1 OF 1
		SCALE	N. T. S.
		REV.-0	

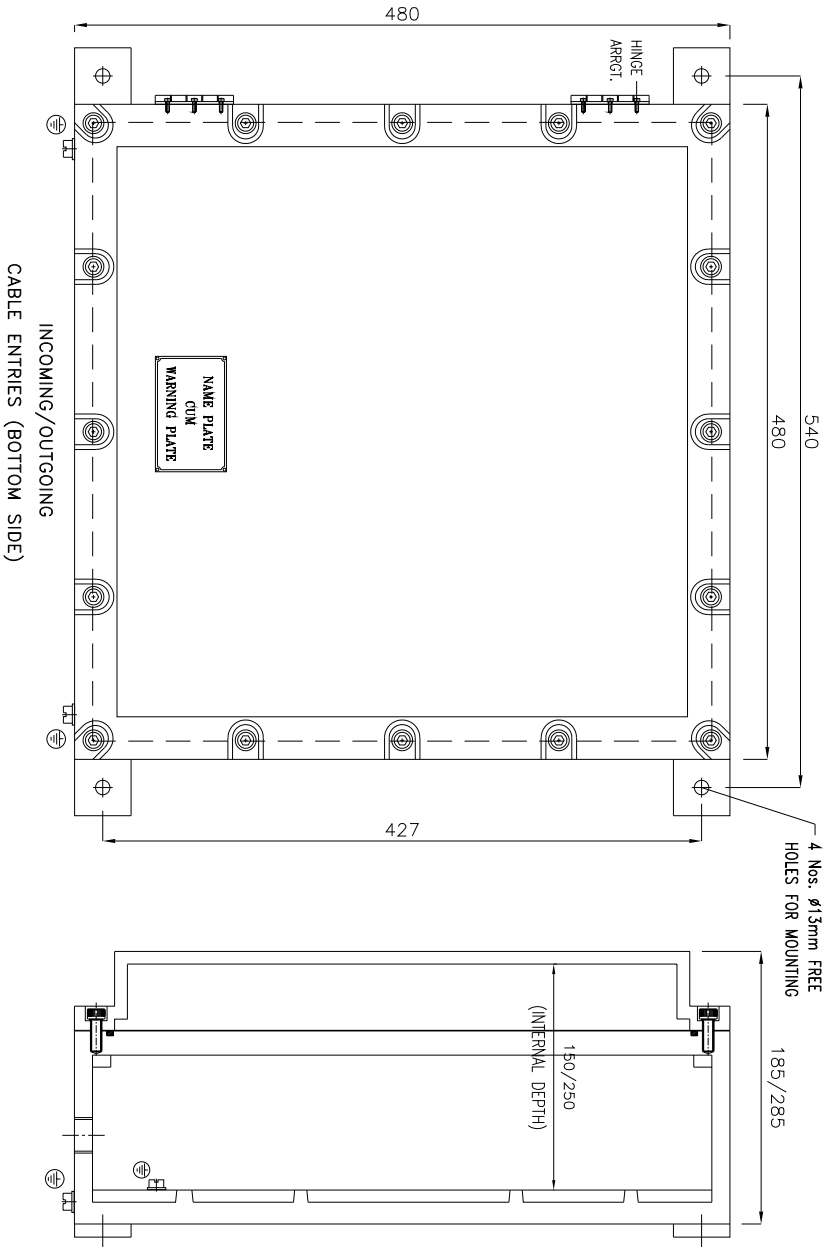
<b>REVISIONS</b>		DATE	DESCRIPTION	DRN.	CHKD.	APPR.	SCALE
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**SUDHIR SWITCHGEARS PVT. LTD.**  
130, MULBARI SAMACHAR MARG, MULBARI - 400 023

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

QMR. CERT. No. : IN/CIMFR/TR21/R/H187  
Dt. 17/08/2021  
PESO No. : PS41015/1  
Dt. 19/07/2022  
BIS LICENCE No. : CM/L-0003331365



**FRONT VIEW**

**SIDE VIEW**

- Reference IS/IEC Standard as follows :
- 1 - FLAMEPROOF (Ex d) PROTECTION - IIA/IIb, IS/IEC 60079-1 (2014)
  - TEMPERATURE CLASS - T6
  - 2 - INGRESS (IP) PROTECTION - IP-66, IS/IEC 60529 (2001). (Reaffirmed 2014)
- 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.

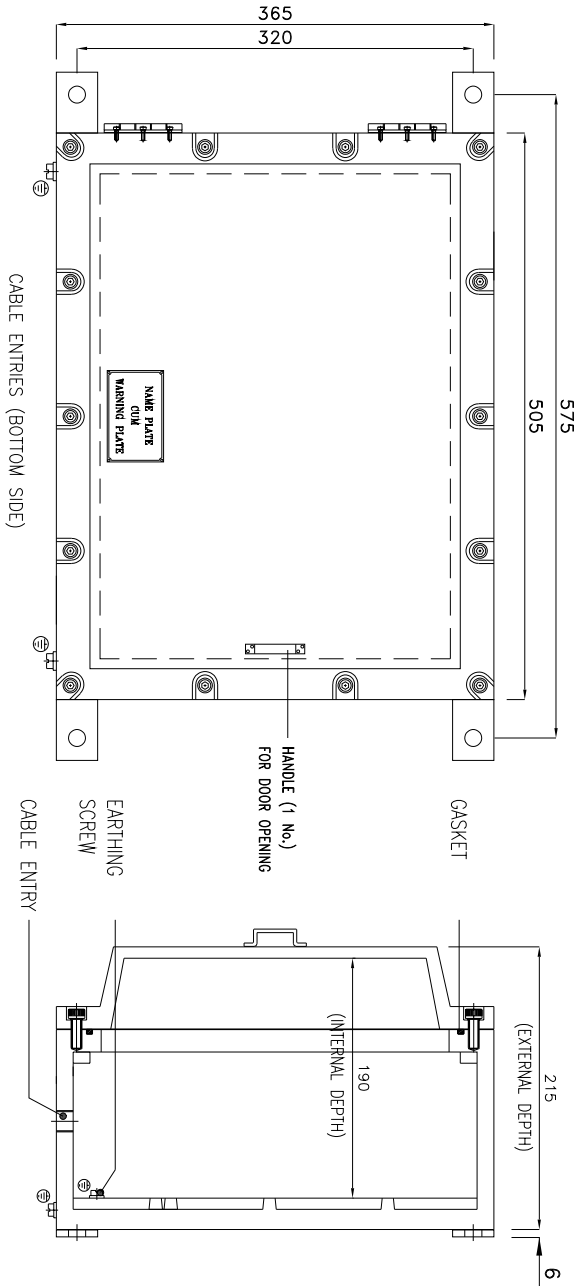
- Material / Components Specification :
- 1 - S.S. NAME PLATE CUM WARNING PLATE (WITH DESCRIPTION TITLE, CIMFR, PESO, SR. NO., GAS GROUP, RATING, BIS MARKING, WARNING STATUS, etc...)
  - 2 - INTERNAL SIZE OF ENCLOSURE (BODY+COVER) - 452 x 452 x 150/250mm
  - 3 - M.S. PLATE WITH WHITE EPOXY POWDER COATING WILL BE PROVIDED OF SIZE : 400 x 400 x 2mm Thk. (ENCLOSURE OPENING 410 x 410mm)
  - 4 - TERMINALS - CLIP-ON / BUSBAR TYPE TERMINALS OF 'CONNECTWELL/ ELMEX' MAKE (DETAIL TO BE SPECIFIED BY CUSTOMER)
  - 5 - CABLE GLAND - (Ex d) DOUBLE COMPRESSION TYPE CABLE GLAND OF 'SUDHIR' MAKE
  - 6 - 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) INTERNAL COMPONENTS : CU/AL. BUSBAR
- 7) AMP. RATING : UP TO 400 Amp. (MAX.)
- 8) CABLE ENTRIES : LEFT / RIGHT / TOP / BOTTOM SIDE
- 9) ENCLOSURE EXTERNAL SIZE : 480(H) x 480(W) x 185/240/285mm
- 10) ENCLOSURE INTERNAL SIZE : 452(H) x 452(W) x 155/210/255mm

**NOTE :**  
 COMPONENT LAYOUT IS TENTATIVE RELOCATION OF PARTS & COMPONENTS IS POSSIBLE AT THE TIME OF ACTUAL MANUFACTURING.  
 OVERALL DIMENSIONS ARE ±10mm

<p>NOTE :</p> <p>COMPONENT LAYOUT IS TENTATIVE RELOCATION OF PARTS &amp; COMPONENTS IS POSSIBLE AT THE TIME OF ACTUAL MANUFACTURING.</p> <p>OVERALL DIMENSIONS ARE ±10mm</p>		<p>CAT. No</p> <p>RCP/221</p>	<p>130, MULBARI SAMACHAR MARG, MULBARI - 400 023</p> <p><b>SUDHIR SWITCHGEARS PVT. LTD.</b></p>
<p>DRN.</p> <p>CHKD.</p> <p>APPR.</p> <p>SHEET</p> <p>SCALE</p>	<p>DRN.</p> <p>CHKD.</p> <p>APPR.</p> <p>SHEET</p> <p>SCALE</p>	<p>DRN.</p> <p>CHKD.</p> <p>APPR.</p> <p>SHEET</p> <p>SCALE</p>	<p>DRN.</p> <p>CHKD.</p> <p>APPR.</p> <p>SHEET</p> <p>SCALE</p>
<p>REV.</p> <p>DATE</p> <p>DESCRIPTION</p>	<p>DRN.</p> <p>CHKD.</p> <p>APPR.</p> <p>SHEET</p> <p>SCALE</p>	<p>DRN.</p> <p>CHKD.</p> <p>APPR.</p> <p>SHEET</p> <p>SCALE</p>	<p>DRN.</p> <p>CHKD.</p> <p>APPR.</p> <p>SHEET</p> <p>SCALE</p>
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<p>DRN.</p> <p>CHKD.</p> <p>APPR.</p> <p>SHEET</p> <p>SCALE</p>	<p>DRN.</p> <p>CHKD.</p> <p>APPR.</p> <p>SHEET</p> <p>SCALE</p>	<p>DRN.</p> <p>CHKD.</p> <p>APPR.</p> <p>SHEET</p> <p>SCALE</p>	<p>DRN.</p> <p>CHKD.</p> <p>APPR.</p> <p>SHEET</p> <p>SCALE</p>
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<p>DRN.</p> <p>CHKD.</p> <p>APPR.</p> <p>SHEET</p> <p>SCALE</p>	<p>DRN.</p> <p>CHKD.</p> <p>APPR.</p> <p>SHEET</p> <p>SCALE</p>	<p>DRN.</p> <p>CHKD.</p> <p>APPR.</p> <p>SHEET</p> <p>SCALE</p>	<p>DRN.</p> <p>CHKD.</p> <p>APPR.</p> <p>SHEET</p> <p>SCALE</p>
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<p>DRN.</p> <p>CHKD.</p> <p>APPR.</p> <p>SHEET</p> <p>SCALE</p>	<p>DRN.</p> <p>CHKD.</p> <p>APPR.</p> <p>SHEET</p> <p>SCALE</p>	<p>DRN.</p> <p>CHKD.</p> <p>APPR.</p> <p>SHEET</p> <p>SCALE</p>	<p>DRN.</p> <p>CHKD.</p> <p>APPR.</p> <p>SHEET</p> <p>SCALE</p>
<p>DRN.</p> <p>CHKD.</p> <p>APPR.</p> <p>SHEET</p> <p>SCALE</p>	<p>DRN.</p> <p>CHKD.</p> <p>APPR.</p> <p>SHEET</p> <p>SCALE</p>	<p>DRN.</p> <p>CHKD.</p> <p>APPR.</p> <p>SHEET</p> <p>SCALE</p>	<p>DRN.</p> <p>CHKD.</p> <p>APPR.</p> <p>SHEET</p> <p>SCALE</p>
<p>DRN.</p> <p>CHKD.</p> <p>APPR.</p> <p>SHEET</p> <p>SCALE</p>	<p>DRN.</p> <p>CHKD.</p> <p>APPR.</p> <p>SHEET</p> <p>SCALE</p>	<p>DRN.</p> <p>CHKD.</p> <p>APPR.</p> <p>SHEET</p> <p>SCALE</p>	<p>DRN.</p> <p>CHKD.</p> <p>APPR.</p> <p>SHEET</p> <p>SCALE</p>
<p>DRN.</p> <p>CHKD.</p> <p>APPR.</p> <p>SHEET</p> <p>SCALE</p>	<p>DRN.</p> <p>CHKD.</p> <p>APPR.</p> <p>SHEET</p> <p>SCALE</p>	<p>DRN.</p> <p>CHKD.</p> <p>APPR.</p> <p>SHEET</p> <p>SCALE</p>	<p>DRN.</p> <p>CHKD.</p> <p>APPR.</p> <p>SHEET</p> <p>SCALE</p>
<p>DRN.</p> <p>CHKD.</p> <p>APPR.</p> <p>SHEET</p> <p>SCALE</p>	<p>DRN.</p> <p>CHKD.</p> <p>APPR.</p> <p>SHEET</p> <p>SCALE</p>	<p>DRN.</p> <p>CHKD.</p> <p>APPR.</p> <p>SHEET</p> <p>SCALE</p>	<p>DRN.</p> <p>CHKD.</p> <p>APPR.</p> <p>SHEET</p> <p>SCALE</p>
<p>DRN.</p> <p>CHKD.</p> <p>APPR.</p> <p>SHEET</p> <p>SCALE</p>	<p>DRN.</p> <p>CHKD.</p> <p>APPR.</p> <p>SHEET</p> <p>SCALE</p>	<p>DRN.</p> <p>CHKD.</p> <p>APPR.</p> <p>SHEET</p> <p>SCALE</p>	<p>DRN.</p> <p>CHKD.</p> <p>APPR.</p> <p>SHEET</p> <p>SCALE</p>
<p>DRN.</p> <p>CHKD.</p> <p>APPR.</p> <p>SHEET</p> <p>SCALE</p>	<p>DRN.</p> <p>CHKD.</p> <p>APPR.</p> <p>SHEET</p> <p>SCALE</p>	<p>DRN.</p> <p>CHKD.</p> <p>APPR.</p> <p>SHEET</p> <p>SCALE</p>	<p>DRN.</p> <p>CHKD.</p> <p>APPR.</p> <p>SHEET</p> <p>SCALE</p>
<p>DRN.</p> <p>CHKD.</p> <p>APPR.</p> <p>SHEET</p> <p>SCALE</p>	<p>DRN.</p> <p>CHKD.</p> <p>APPR.</p> <p>SHEET</p> <p>SCALE</p>	<p>DRN.</p> <p>CHKD.</p> <p>APPR.</p> <p>SHEET</p> <p>SCALE</p>	<p>DRN.</p> <p>CHKD.</p> <p>APPR.</p> <p>SHEET</p> <p>SCALE</p>
<p>DRN.</p> <p>CHKD.</p> <p>APPR.</p> <p>SHEET</p> <p>SCALE</p>	<p>DRN.</p> <p>CHKD.</p> <p>APPR.</p> <p>SHEET</p> <p>SCALE</p>	<p>DRN.</p> <p>CHKD.</p> <p>APPR.</p> <p>SHEET</p> <p>SCALE</p>	<p>DRN.</p> <p>CHKD.</p> <p>APPR.</p> <p>SHEET</p> <p>SCALE</p>
<p>DRN.</p> <p>CHKD.</p> <p>APPR.</p> <p>SHEET</p> <p>SCALE</p>	<p>DRN.</p> <p>CHKD.</p> <p>APPR.</p> <p>SHEET</p> <p>SCALE</p>	<p>DRN.</p> <p>CHKD.</p> <p>APPR.</p> <p>SHEET</p> <p>SCALE</p>	<p>DRN.</p> <p>CHKD.</p> <p>APPR.</p> <p>SHEET</p> <p>SCALE</p>
<p>DRN.</p> <p>CHKD.</p> <p>APPR.</p> <p>SHEET</p> <p>SCALE</p>	<p>DRN.</p> <p>CHKD.</p> <p>APPR.</p> <p>SHEET</p> <p>SCALE</p>	<p>DRN.</p> <p>CHKD.</p> <p>APPR.</p> <p>SHEET</p> <p>SCALE</p>	<p>DRN.</p> <p>CHKD.</p> <p>APPR.</p> <p>SHEET</p> <p>SCALE</p>
<p>DRN.</p> <p>CHKD.</p> <p>APPR.</p> <p>SHEET</p> <p>SCALE</p>	<p>DRN.</p> <p>CHKD.</p> <p>APPR.</p> <p>SHEET</p> <p>SCALE</p>	<p>DRN.</p> <p>CHKD.</p> <p>APPR.</p> <p>SHEET</p> <p>SCALE</p>	<p>DRN.</p> <p>CHKD.</p> <p>APPR.</p> <p>SHEET</p> <p>SCALE</p>
<p>DRN.</p> <p>CHKD.</p> <p>APPR.</p> <p>SHEET</p> <p>SCALE</p>	<p>DRN.</p> <p>CHKD.</p> <p>APPR.</p> <p>SHEET</p> <p>SCALE</p>	<p>DRN.</p> <p>CHKD.</p> <p>APPR.</p> <p>SHEET</p> <p>SCALE</p>	<p>DRN.</p> <p>CHKD.</p> <p>APPR.</p> <p>SHEET</p> <p>SCALE</p>
<p>DRN.</p> <p>CHKD.</p> <p>APPR.</p> <p>SHEET</p> <p>SCALE</p>	<p>DRN.</p> <p>CHKD.</p> <p>APPR.</p> <p>SHEET</p> <p>SCALE</p>	<p>DRN.</p> <p>CHKD.</p> <p>APPR.</p> <p>SHEET</p> <p>SCALE</p>	<p>DRN.</p> <p>CHKD.</p> <p>APPR.</p> <p>SHEET</p> <p>SCALE</p>
<p>DRN.</p> <p>CHKD.</p> <p>APPR.</p> <p>SHEET</p> <p>SCALE</p>	<p>DRN.</p> <p>CHKD.</p> <p>APPR.</p> <p>SHEET</p> <p>SCALE</p>	<p>DRN.</p> <p>CHKD.</p> <p>APPR.</p> <p>SHEET</p> <p>SCALE</p>	<p>DRN.</p> <p>CHKD.</p> <p>APPR.</p> <p>SHEET</p> <p>SCALE</p>
<p>DRN.</p> <p>CHKD.</p> <p>APPR.</p> <p>SHEET</p> <p>SCALE</p>	<p>DRN.</p> <p>CHKD.</p> <p>APPR.</p> <p>SHEET</p> <p>SCALE</p>	<p>DRN.</p> <p>CHKD.</p> <p>APPR.</p> <p>SHEET</p> <p>SCALE</p>	<p>DRN.</p> <p>CHKD.</p> <p>APPR.</p> <p>SHEET</p> <p>SCALE</p>
<p>DRN.</p> <p>CHKD.</p> <p>APPR.</p> <p>SHEET</p> <p>SCALE</p>	<p>DRN.</p> <p>CHKD.</p> <p>APPR.</p> <p>SHEET</p> <p>SCALE</p>	<p>DRN.</p> <p>CHKD.</p> <p>APPR.</p> <p>SHEET</p> <p>SCALE</p>	<p>DRN.</p> <p>CHKD.</p> <p>APPR.</p> <p>SHEET</p> <p>SCALE</p>
<p>DRN.</p> <p>CHKD.</p> <p>APPR.</p> <p>SHEET</p> <p>SCALE</p>	<p>DRN.</p> <p>CHKD.</p> <p>APPR.</p> <p>SHEET</p> <p>SCALE</p>	<p>DRN.</p> <p>CHKD.</p> <p>APPR.</p> <p>SHEET</p> <p>SCALE</p>	<p>DRN.</p> <p>CHKD.</p> <p>APPR.</p> <p>SHEET</p> <p>SCALE</p>
<p>DRN.</p> <p>CHKD.</p> <p>APPR.</p> <p>SHEET</p> <p>SCALE</p>	<p>DRN.</p> <p>CHKD.</p> <p>APPR.</p> <p>SHEET</p> <p>SCALE</p>	<p>DRN.</p> <p>CHKD.</p> <p>APPR.</p> <p>SHEET</p> <p>SCALE</p>	<p>DRN.</p> <p>CHKD.</p> <p>APPR.</p> <p>SHEET</p> <p>SCALE</p>
<p>DRN.</p> <p>CHKD.</p> <p>APPR.</p> <p>SHEET</p> <p>SCALE</p>	<p>DRN.</p> <p>CHKD.</p> <p>APPR.</p> <p>SHEET</p> <p>SCALE</p>	<p>DRN.</p> <p>CHKD.</p> <p>APPR.</p> <p>SHEET</p> <p>SCALE</p>	<p>DRN.</p> <p>CHKD.</p> <p>APPR.</p> <p>SHEET</p> <p>SCALE</p>
<p>DRN.</p> <p>CHKD.</p> <p>APPR.</p> <p>SHEET</p> <p>SCALE</p>	<p>DRN.</p> <p>CHKD.</p> <p>APPR.</p> <p>SHEET</p> <p>SCALE</p>	<p>DRN.</p> <p>CHKD.</p> <p>APPR.</p> <p>SHEET</p> <p>SCALE</p>	<p>DRN.</p> <p>CHKD.</p> <p>APPR.</p> <p>SHEET</p> <p>SCALE</p>
<p>DRN.</p> <p>CHKD.</p> <p>APPR.</p> <p>SHEET</p> <p>SCALE</p>	<p>DRN.</p> <p>CHKD.</p> <p>APPR.</p> <p>SHEET</p> <p>SCALE</p>	<p>DRN.</p> <p>CHKD.</p> <p>APPR.</p> <p>SHEET</p> <p>SCALE</p>	<p>DRN.</p> <p>CHKD.</p> <p>APPR.</p> <p>SHEET</p> <p>SCALE</p>
<p>DRN.</p> <p>CHKD.</p> <p>APPR.</p> <p>SHEET</p> <p>SCALE</p>	<p>DRN.</p> <p>CHKD.</p> <p>APPR.</p> <p>SHEET</p> <p>SCALE</p>	<p>DRN.</p> <p>CHKD.</p> <p>APPR.</p> <p>SHEET</p> <p>SCALE</p>	<p>DRN.</p> <p>CHKD.</p> <p>APPR.</p> <p>SHEET</p> <p>SCALE</p>
<p>DRN.</p> <p>CHKD.</p> <p>APPR.</p> <p>SHEET</p> <p>SCALE</p>	<p>DRN.</p> <p>CHKD.</p> <p>APPR.</p> <p>SHEET</p> <p>SCALE</p>	<p>DRN.</p> <p>CHKD.</p> <p>APPR.</p> <p>SHEET</p> <p>SCALE</p>	<p>DRN.</p> <p>CHKD.</p> <p>APPR.</p> <p>SHEET</p> <p>SCALE</p>
<p>DRN.</p> <p>CHKD.</p> <p>APPR.</p> <p>SHEET</p> <p>SCALE</p>	<p>DRN.</p> <p>CHKD.</p> <p>APPR.</p> <p>SHEET</p> <p>SCALE</p>	<p>DRN.</p> <p>CHKD.</p> <p>APPR.</p> <p>SHEET</p> <p>SCALE</p>	<p>DRN.</p> <p>CHKD.</p> <p>APPR.</p> <p>SHEET</p> <p>SCALE</p>
<p>DRN.</p> <p>CHKD.</p> <p>APPR.</p> <p>SHEET</p> <p>SCALE</p>	<p>DRN.</p> <p>CHKD.</p> <p>APPR.</p> <p>SHEET</p> <p>SCALE</p>	<p>DRN.</p> <p>CHKD.</p> <p>APPR.</p> <p>SHEET</p> <p>SCALE</p>	<p>DRN.</p> <p>CHKD.</p> <p>APPR.</p> <p>SHEET</p> <p>SCALE</p>
<p>DRN.</p> <p>CHKD.</p> <p>APPR.</p> <p>SHEET</p> <p>SCALE</p>	<p>DRN.</p> <p>CHKD.</p> <p>APPR.</p> <p>SHEET</p> <p>SCALE</p>	<p>DRN.</p> <p>CHKD.</p> <p>APPR.</p> <p>SHEET</p> <p>SCALE</p>	<p>DRN.</p> <p>CHKD.</p> <p>APPR.</p> <p>SHEET</p> <p>SCALE</p>
<p>DRN.</p> <p>CHKD.</p> <p>APPR.</p> <p>SHEET</p> <p>SCALE</p>	<p>DRN.</p> <p>CHKD.</p> <p>APPR.</p> <p>SHEET</p> <p>SCALE</p>	<p>DRN.</p> <p>CHKD.</p> <p>APPR.</p> <p>SHEET</p> <p>SCALE</p>	<p>DRN.</p> <p>CHKD.</p> <p>APPR.</p> <p>SHEET</p> <p>SCALE</p>
<p>DRN.</p> <p>CHKD.</p> <p>APPR.</p> <p>SHEET</p> <p>SCALE</p>	<p>DRN.</p> <p>CHKD.</p> <p>APPR.</p> <p>SHEET</p> <p>SCALE</p>	<p>DRN.</p> <p>CHKD.</p> <p>APPR.</p> <p>SHEET</p> <p>SCALE</p>	<p>DRN.</p> <p>CHKD.</p> <p>APPR.</p> <p>SHEET</p> <p>SCALE</p>
<p>DRN.</p> <p>CHKD.</p> <p>APPR.</p> <p>SHEET</p> <p>SCALE</p>	<p>DRN.</p> <p>CHKD.</p> <p>APPR.</p> <p>SHEET</p> <p>SCALE</p>	<p>DRN.</p> <p>CHKD.</p> <p>APPR.</p> <p>SHEET</p> <p>SCALE</p>	<p>DRN.</p> <p>CHKD.</p> <p>APPR.</p> <p>SHEET</p> <p>SCALE</p>
<p>DRN.</p> <p>CHKD.</p> <p>APPR.</p> <p>SHEET</p> <p>SCALE</p>	<p>DRN.</p> <p>CHKD.</p> <p>APPR.</p> <p>SHEET</p> <p>SCALE</p>	<p>DRN.</p> <p>CHKD.</p> <p>APPR.</p> <p>SHEET</p> <p>SCALE</p>	<p>DRN.</p> <p>CHKD.</p> <p>APPR.</p> <p>SHEET</p> <p>SCALE</p>
<p>DRN.</p> <p>CHKD.</p> <p>APPR.</p> <p>SHEET</p> <p>SCALE</p>	<p>DRN.</p> <p>CHKD.</p> <p>APPR.</p> <p>SHEET</p> <p>SCALE</p>	<p>DRN.</p> <p>CHKD.</p> <p>APPR.</p> <p>SHEET</p> <p>SCALE</p>	<p>DRN.</p> <p>CHKD.</p> <p>APPR.</p> <p>SHEET</p> <p>SCALE</p>
<p>DRN.</p> <p>CHKD.</p> <p>APPR.</p> <p>SHEET</p> <p>SCALE</p>	<p>DRN.</p> <p>CHKD.</p> <p>APPR.</p> <p>SHEET</p> <p>SCALE</p>	<p>DRN.</p> <p>CHKD.</p> <p>APPR.</p> <p>SHEET</p> <p>SCALE</p>	<p>DRN.</p> <p>CHKD.</p> <p>APPR.</p> <p>SHEET</p> <p>SCALE</p>
<p>DRN.</p> <p>CHKD.</p> <p>APPR.</p> <p>SHEET</p> <p>SCALE</p>	<p>DRN.</p> <p>CHKD.</p> <p>APPR.</p> <p>SHEET</p> <p>SCALE</p>	<p>DRN.</p> <p>CHKD.</p> <p>APPR.</p> <p>SHEET</p> <p>SCALE</p>	<p>DRN.</p> <p>CHKD.</p> <p>APPR.</p> <p>SHEET</p> <p>SCALE</p>
<p>DRN.</p> <p>CHKD.</p> <p>APPR.</p> <p>SHEET</p> <p>SCALE</p>	<p>DRN.</p> <p>CHKD.</p> <p>APPR.</p> <p>SHEET</p> <p>SCALE</p>	<p>DRN.</p> <p>CHKD.</p> <p>APPR.</p> <p>SHEET</p> <p>SCALE</p>	<p>DRN.</p> <p>CHKD.</p> <p>APPR.</p> <p>SHEET</p> <p>SCALE</p>
<p>DRN.</p> <p>CHKD.</p> <p>APPR.</p> <p>SHEET</p> <p>SCALE</p>	<p>DRN.</p> <p>CHKD.</p> <p>APPR.</p> <p>SHEET</p> <p>SCALE</p>	<p>DRN.</p> <p>CHKD.</p> <p>APPR.</p> <p>SHEET</p> <p>SCALE</p>	<p>DRN.</p> <p>CHKD.</p> <p>APPR.</p> <p>SHEET</p> <p>SCALE</p>
<p>DRN.</p> <p>CHKD.</p> <p>APPR.</p> <p>SHEET</p> <p>SCALE</p>	<p>DRN.</p> <p>CHKD.</p> <p>APPR.</p> <p>SHEET</p> <p>SCALE</p>	<p>DRN.</p>	



**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) INTERNAL COMPONENTS : CU/AL. BUSBAR.
- 7) AMP. RATING : UP TO 400 Amp. (MAX.)
- 8) CABLE ENTRIES : LEFT / RIGHT / TOP / BOTTOM SIDE
- 9) ENCLOSURE EXTERNAL SIZE : 505(H) x 365(W) x 190/215/270/295mm
- 10) ENCLOSURE INTERNAL SIZE : 475(H) x 335(W) x 155/190/245/260mm

<b>NOTE :</b>		Cat. No.		RCP/221	
COMPONENT LAYOUT IS TENTATIVE RELOCATION OF PARTS & COMPONENTS IS POSSIBLE AT THE TIME OF ACTUAL MANUFACTURING.		MODEL No.:		RCP/221/B4	
OVERALL DIMENSIONS ARE ±10mm		DRN.		profill	
		CHKD.		JASNAK	
		APPD.		1	
		SHEET		1 OF 1	
		SCALE		N. T. S. REV.-0	
REV.	DATE	DESCRIPTION	DRN.	CHKD.	APPD.

- 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-66, IS/IEC 60529 (2001). (Reaffirmed 2014)
- 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.

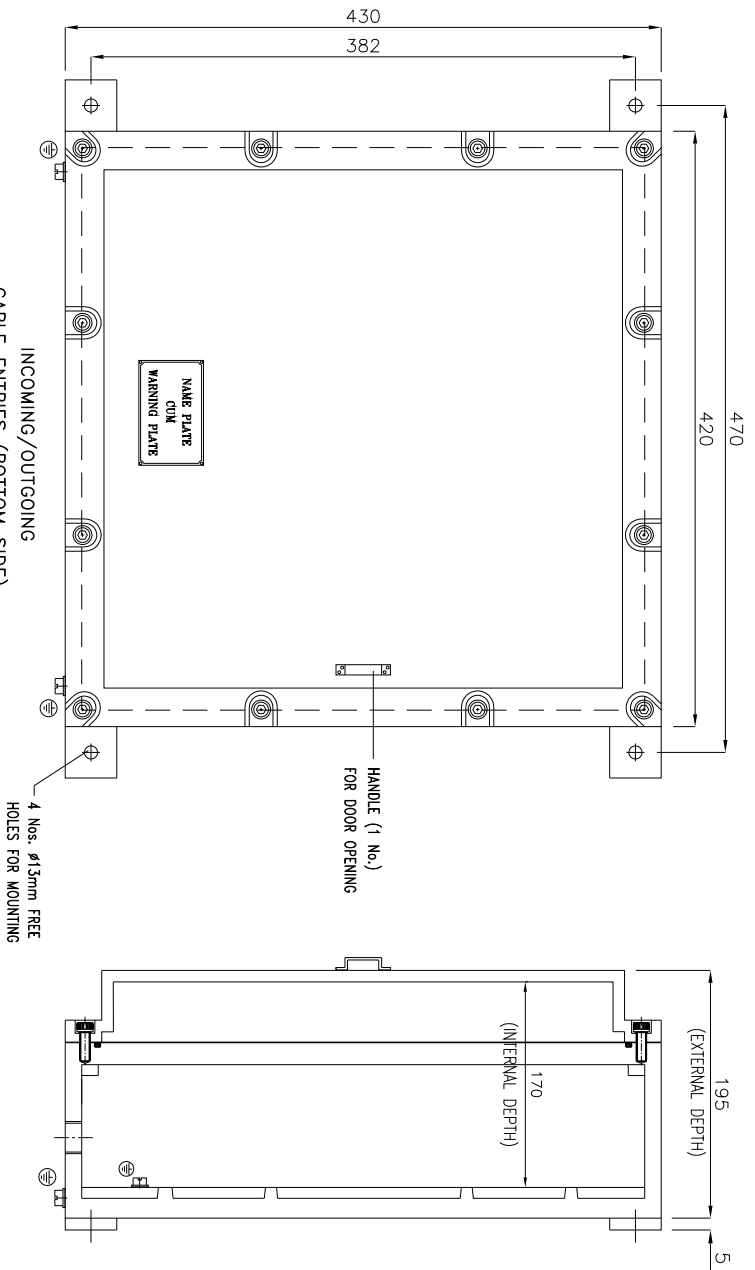
- Material / Components Specification :**
- 1 - S.S. NAME CUM WARNING PLATE (WITH DESCRIPTION TITLE, CIMFR, PESO, SR. NO., GAS GROUP, RATING, BIS MARKING, WARNING STATUS, etc...)
  - 2 - INTERNAL SIZE OF ENCLOSURE (BODY+COVER) - 475 x 335 x 190mm
  - 3 - M.S. PLATE WITH WHITE EPOXY POWDER COATING WILL BE PROVIDED OF SIZE : 420 x 280 x 2mm Thk. (ENCLOSURE OPENING 435 x 290)
  - 4 - TERMINALS - CLIP-ON / BUSBAR TYPE TERMINALS OF 'CONNECTWELL/ELMEX' MAKE (DETAIL TO BE SPECIFIED BY CUSTOMER)
  - 5 - CABLE GLAND - (Ex d) DOUBLE COMPRESSION TYPE CABLE GLAND OF 'SUDHIR' MAKE
  - 6 - STOPPING PLUG - (Ex d) STOPPING PLUG OF 'SUDHIR' MAKE

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**SUDHIR SWITCHGEARS PVT. LTD.**  
130, MULBARI SAMACHAR MARG, MULBARI - 400 023

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

CHKD. CERT. No. : IN/CIMFR/TR21/R/H187  
Dt. 17/08/2021  
PESO No. : PS41015/1  
Dt. 19/07/2022  
BIS LICENCE No. : CM/L-000331365



**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-66, IS/IEC 60529 (2001). (Reaffirmed 2014)
- 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) - 390 x 400 x 170mm
  - 3 - M.S. PLATE WITH WHITE EPOXY POWDER COATING WILL BE PROVIDED OF SIZE : 350 x 350 x 2mm Thk. (ENCLOSURE OPENING 350 x 365mm)
  - 4 - TERMINALS - CLIP-ON / BUSBAR TYPE TERMINALS OF 'CONNECTWELL/ ELMEX' MAKE (DETAIL TO BE SPECIFIED BY CUSTOMER)
  - 5 - CABLE GLAND - (Ex d) DOUBLE COMPRESSION TYPE CABLE GLAND OF 'SUDHIR' MAKE
  - 6 - STOPPING PLUG - (Ex d) STOPPING PLUG OF 'SUDHIR' MAKE

**Fitting OPTIONS :**

- 1) MATERIAL CONSTRUCTION : STAINLESS STEEL
- 2) VOLTAGE : 220V DC/110V AC/110V DC/24V 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) INTERNAL COMPONENTS : CU/AL. BUSBAR
- 7) AMP. RATING : UP TO 400 Amp. (MAX.)
- 8) CABLE ENTRIES : LEFT / RIGHT / TOP / BOTTOM SIDE
- 9) ENCLOSURE EXTERNAL SIZE : 420(H) x 430(W) x 195/190/245/295mm
- 10) ENCLOSURE INTERNAL SIZE : 390(H) x 400(W) x 170/120/200/250mm

<b>NOTE :</b>		CAT. No.	RCP/221
COMPONENT LAYOUT IS TENTATIVE RELOCATION OF PARTS & COMPONENTS IS POSSIBLE AT THE TIME OF ACTUAL MANUFACTURING.		MODEL No.:	RCP/221/B5
OVERALL DIMENSIONS ARE ±10mm		DRN.	profili
Δ		CHKD.	JASNAK
Δ		APPD.	
Δ		SHEET	1 OF 1
REV.	DATE	DESCRIPTION	DRN.
			CHD.
			APPD.
			SCALE
			N. T. S. REV.-0

**SUDHIR SWITCHGEARS PVT. LTD.**  
 130, MULBARI SAMACHAR MARG, MULBARI - 400 023

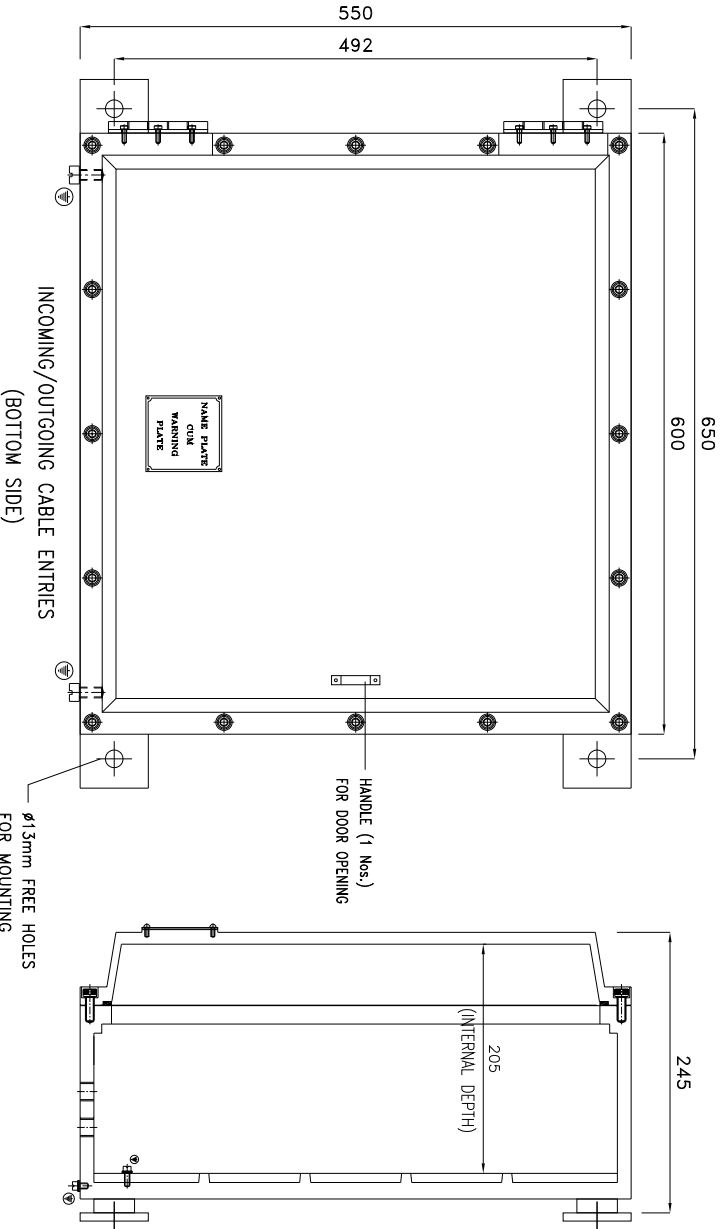
TITLE : **FLAMEPROOF-WEATHERPROOF ENCLOSURE FOR JUNCTION BOX**

CHKD. CERT. No. : IN/CIMFR/TR21/R/H187  
 Dt. 17/08/2021

PESO No. : PS41015/1  
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**FRONT VIEW**

**SIDE VIEW**

**Fitting OPTIONS :**

- 1) MATERIAL CONSTRUCTION : STAINLESS STEEL
- 2) VOLTAGE : 220V DC/110V AC/110V DC/24V 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) INTERNAL COMPONENTS : CU/AL. BUSBAR.
- 7) AMP. RATING : UP TO 800 Amp. (MAX.)
- 8) CABLE ENTRIES : LEFT / RIGHT / TOP / BOTTOM SIDE
- 9) ENCLOSURE EXTERNAL SIZE : 600(H) x 550(W) x 245/315mm
- 10) ENCLOSURE INTERNAL SIZE : 575(H) x 525(W) x 205/275mm

**Reference IS/IEC Standard as follows :**

- 1 - FLAMEPROOF (Ex d) PROTECTION - IIA/IIb, IS/IEC 60079-1 (2014)
- TEMPERATURE CLASS - T6
- 2 - INGRESS (IP) PROTECTION - IP-66, IS/IEC 60529 (2001). (Reaffirmed 2014)

**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) - 575 x 525 x 205mm
- 3 - M.S. PLATE WITH WHITE EPOXY POWDER COATING WILL BE PROVIDED OF SIZE : 510 x 450 x 2mm Thk. (ENCLOSURE OPENING 510 x 460mm)
- 4 - TERMINALS - CLIP-ON / BUSBAR TYPE TERMINALS OF 'CONNECTWELL/ELMEX' MAKE (DETAIL TO BE SPECIFIED BY CUSTOMER)
- 5 - CABLE GLAND - (Ex d) DOUBLE COMPRESSION TYPE CABLE GLAND OF 'SUDHIR' MAKE
- 6 - STOPPING PLUG - (Ex d) STOPPING PLUG OF 'SUDHIR' MAKE

**NOTE :**

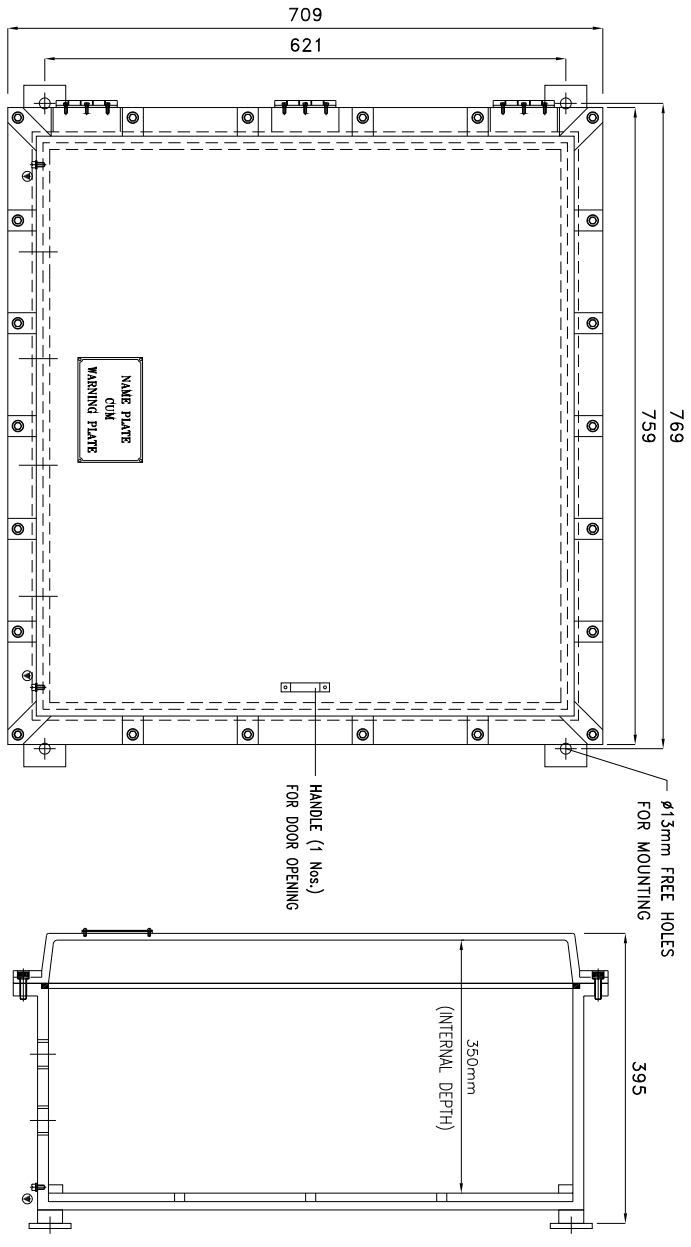
COMPONENT LAYOUT IS TENTATIVE RELOCATION OF PARTS & COMPONENTS IS POSSIBLE AT THE TIME OF ACTUAL MANUFACTURING.  
OVERALL DIMENSIONS ARE ±10mm

REV.	DATE	DESCRIPTION	DRN.	CHNO.	APPO.	SCALE	Cat. No.	Model No.	DRN.	CHNO.	APPO.	SCALE	DRN.	CHNO.	APPO.	SCALE	REV.
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**SUDHIR SWITCHGEARS PVT. LTD.**  
130, MULBARI SAMACHAR MARG, MULBARI - 400 023

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

DR. CERT. No. : IN/CIMFR/TR21/R/H187  
Dt. 17/08/2021  
PESO No. : PS41015/1  
Dt. 19/07/2022  
BIS LICENCE No. : CM/L-000331365



INCOMING/OUTGOING CABLE ENTRIES  
(BOTTOM SIDE)  
**FRONT VIEW**

**SIDE VIEW**

- Reference IS/IEC Standard as follows :
- 1 - FLAMEPROOF (Ex d) PROTECTION - IIA/IIb, IS/IEC 60079-1 (2014)
  - TEMPERATURE CLASS - T6
  - 2 - INGRESS (IP) PROTECTION - IP-66, IS/IEC 60529 (2001). (Reaffirmed 2014)
- 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 PLATE WITH DESCRIPTION TITLE, CIMFR, PESO, SR. NO., GAS GROUP, RATING, BIS MARKING, WARNING STATUS, etc....)
  - 2 - INTERNAL SIZE OF ENCLOSURE (BODY+COVER) - 730 x 680 x 350mm
  - 3 - M.S. PLATE WITH WHITE EPOXY POWDER COATING WILL BE PROVIDED OF SIZE : 645 x 600 x 2mm Thk. (ENCLOSURE OPENING 680 x 620mm)
  - 4 - TERMINALS - CLIP-ON / BUSBAR TYPE TERMINALS OF 'CONNECTWELL/ELMEX' MAKE (DETAIL TO BE SPECIFIED BY CUSTOMER)
  - 5 - CABLE GLAND - (Ex d) DOUBLE COMPRESSION TYPE CABLE GLAND OF 'SUDHIR' MAKE
  - 6 - STOPPING PLUG - (Ex d) STOPPING PLUG OF 'SUDHIR' MAKE

**Fitting OPTIONS :**

- 1) MATERIAL CONSTRUCTION : STAINLESS STEEL
- 2) VOLTAGE : 220V DC/110V AC/110V DC/24V 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) INTERNAL COMPONENTS : CU/AL. BUSBAR
- 7) AMP. RATING : UP TO 1000 Amp. (MAX.)
- 8) CABLE ENTRIES : LEFT / RIGHT / TOP / BOTTOM SIDE
- 9) ENCLOSURE EXTERNAL SIZE : 759(H) x 709(W) x 395mm
- 10) ENCLOSURE INTERNAL SIZE : 730(H) x 680(W) x 350mm

**NOTE :**  
 COMPONENT LAYOUT IS TENTATIVE RELOCATION OF PARTS & COMPONENTS IS POSSIBLE AT THE TIME OF ACTUAL MANUFACTURING.  
 OVERALL DIMENSIONS ARE ±10mm

REV.	DATE	DESCRIPTION	DRN.	CHD.	APPD.	SCALE	CAT. No.	MODEL No.	DRN.	CHD.	APPD.	SCALE	CAT. No.	MODEL No.	DRN.	CHD.	APPD.	SCALE
△							RCP/221	RCP/221/B7										
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