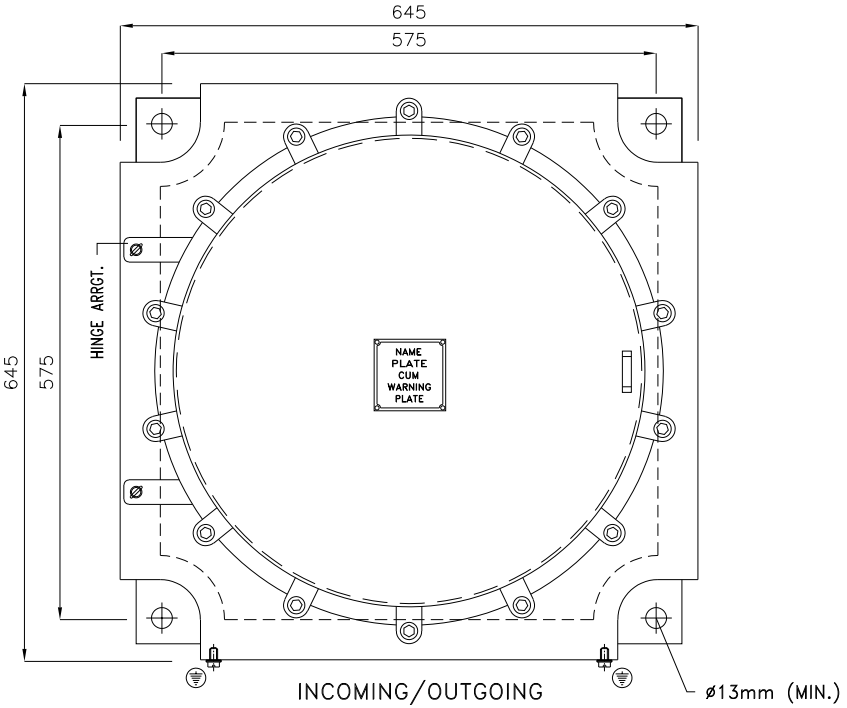
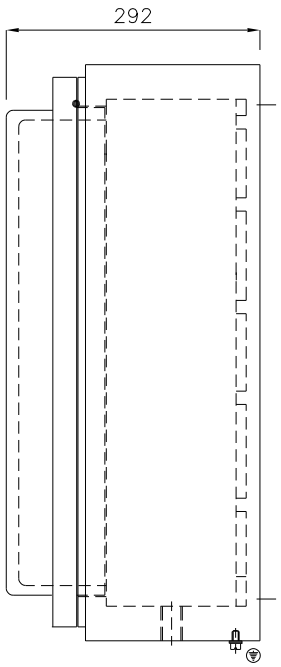
FILE No. : DRAWING-2023/STD. G.A./RCP222

ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE SPECIFIED.



FRONT VIEW



SIDE VIEW

Reference IS/IEC Standard as follows :

1 – FLAMEPROOF (Ex d) PROTECITON – IIC, IS/IEC 60079-1 (2014)
. . TEMPERATURE CLASS – T6
2 – INGRESS (IP) PROTECITON – 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 – 'O' RING NEOPRENE RUBBER GASKET
6 – MOUNTING ARRGT. – AS SHOWN IN DRG. (OPENING SIZE – ø560mm)

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) – 615 x 615 x 240mm
3 – M.S. PLATE WITH WHITE EPOXY POWDER COATING WILL BE PROVIDED OF
. . SIZE : ø560 x 2mm Thk. (ENCLOSURE OPENING ø575mm)
. . ----------
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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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	:	UPTO 250 Amp. (MAX.)
8)	CABLE ENTRIES	:	LEFT / RIGHT / TOP / BOTTOM SIDE
9)	ENCLOSURE EXTERNAL SIZE	:	645(W) x 645(H) x 292mm
10)	ENCLOSURE INTERNAL SIZE	:	615(W) x 615(H) x 240mm
.	.		. .

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.	CHKD.	APPD.
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CAT. No. RCP/222

MODEL No.: RCP/222

DRN.	prafull	
CHKD.	AKSHAY	
APPD.	.	
SHEET	1 OF 1	
SCALE	N. T. S.	REV.- 0

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

TITLE : FLAMEPROOF-WEATHERPROOF ENCLOSURE FOR JUNCTION BOX

CMRI. CERT. No.	PESO No. :	BIS LICENCE No. :
IN/CIMFR/TR22/R/H283 Dt. 28/09/2022	. .	CM/L-0003931365

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