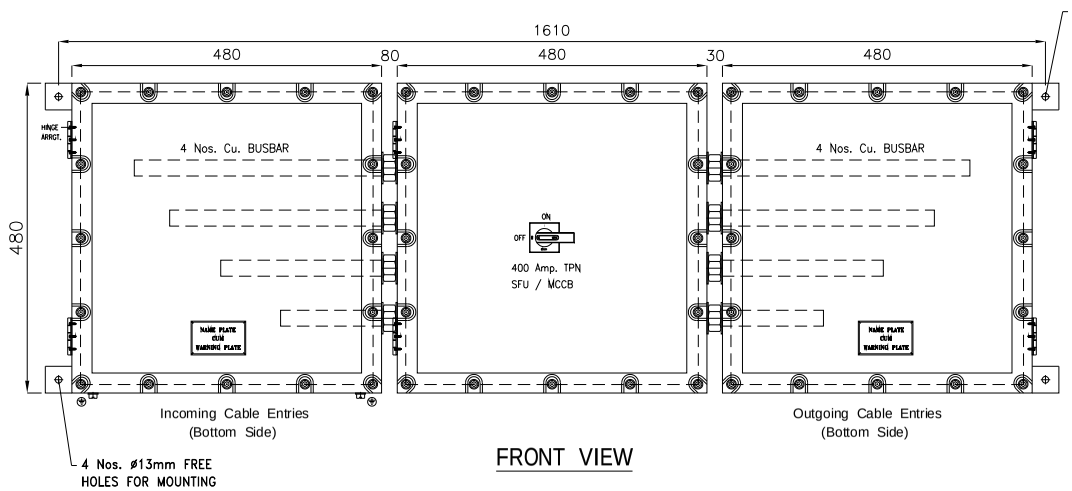
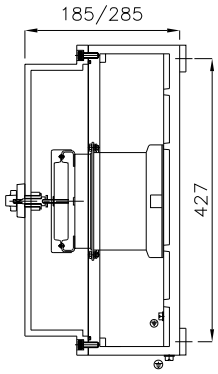
FILE No. : DRAWING-2023/STD. G.A./RCP221-SFU

ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE SPECIFIED.



FRONT VIEW



SIDE VIEW

Reference IS/IEC Standard as follows :

1 - FLAMEPROOF (Ex d) PROTECITON - IIA/IIB, 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 - 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 - SFU - 1 No. 400 Amp. TP/TPN SWITCH FUSE UNIT WITH 400 Amp.
. . FUSE LINK
3 - Cu. BUSBAR FOR INCOMING & OUTGOING CABLE - 4 Nos. 30 x 10mm
. . Thk. SIZE WITH TAPPED HOLES MOUNTED ON BUSBAR SUPPORTER
4 - CABLE ENTRIES - 2 Nos. M75 SIZE CABLE ENTRIES FROM BOTTOM SIDE
. . ----------
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	:	UPTO 400 Amp. ISOLATOR / MCCB
7)	CABLE ENTRIES	:	NPT / EQUIVALENT 'ET' THREADS
.	.		. .

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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/221

MODEL No.: RCP/221/SFU

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/TR21/R/H187 Dt. 17/08/2021	P541015/1 Dt. 19/07/2022	CM/L-0003931365