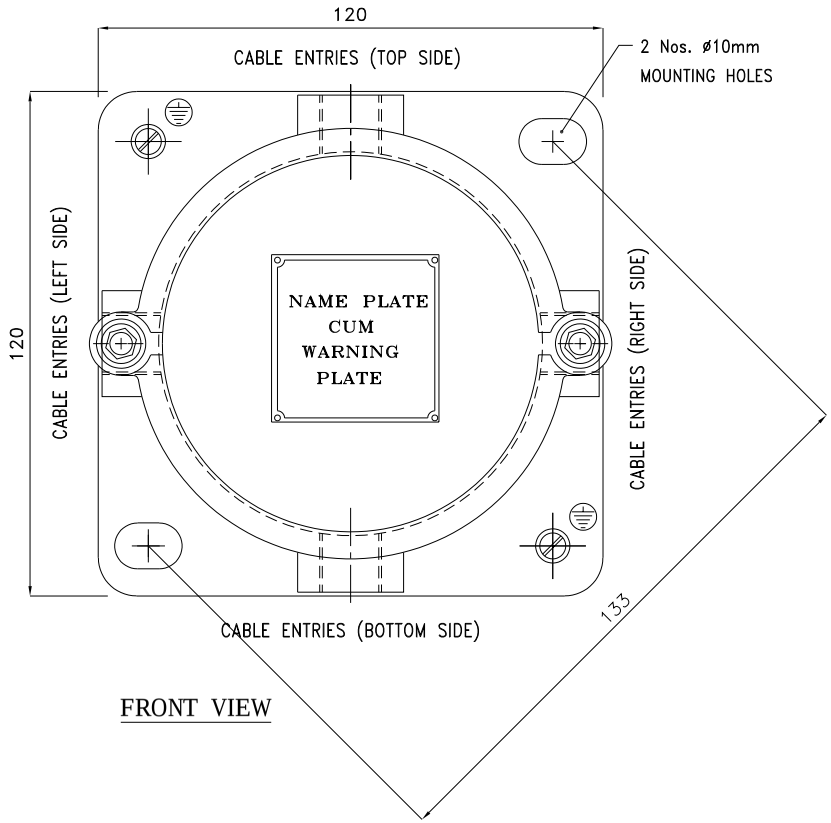
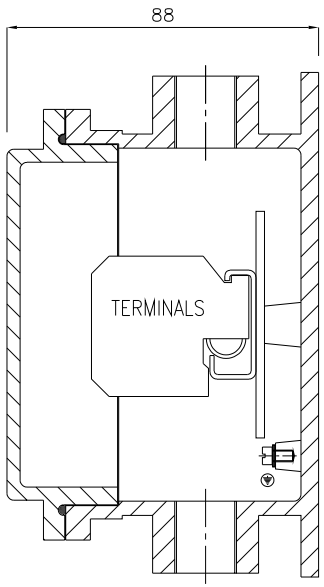
FILE No. : DRAWING-2023/STD. G.A./JB105

ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE SPECIFIED.



FRONT VIEW



SECTIONAL 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 - 'O' RING 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) - ø100 x 60mm
. . ----------
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	:	110V / 230V / 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	:	UPTO 32 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 ±10mm

REV.	DATE	DESCRIPTION	DRN.	CHKD.	APPD.
	.	.	.	.	.
	.	.	.	.	.
	.	.	.	.	.

CAT. No. JB/105
MODEL No.: JB/105

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/H557 Dt. 30/03/2022	P538125/1 Dt. 11/07/2022	CM/L-0003931365

THIS DRAWING IS PROPERTY OF "SUDHIR SWITCHGEARS PVT. LTD." AND MUST BE RETURNED ON REQUEST IT IS SUBMITED 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.