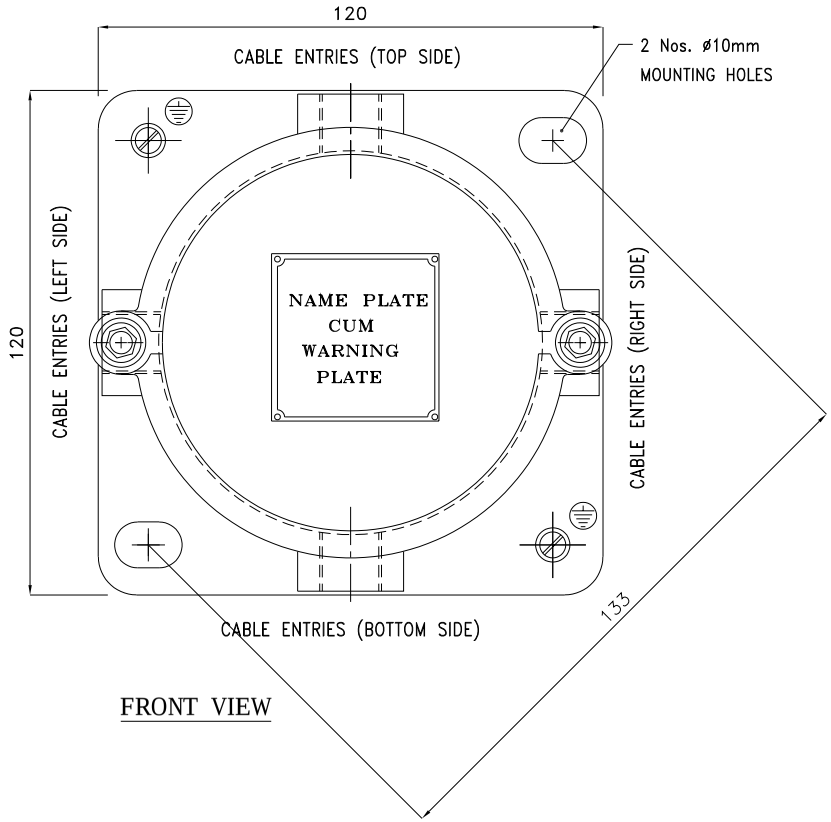
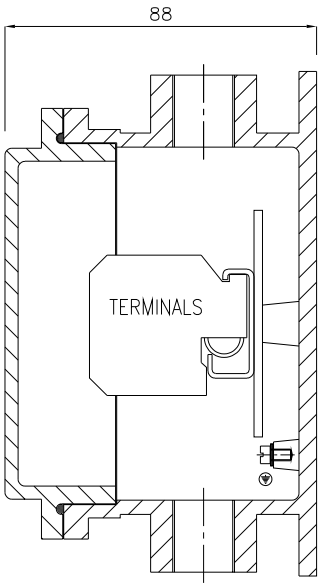
FILE No. : DRAWING–2023/STD. G.A./JB2025–JB

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 & 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.

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
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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
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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.	JB/2C/2025
MODEL No.:	JB/2025–JB
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/P/H193 Dt. 19/08/2021	P546022/1 Dt. 26/09/2022	CM/L–0002914461