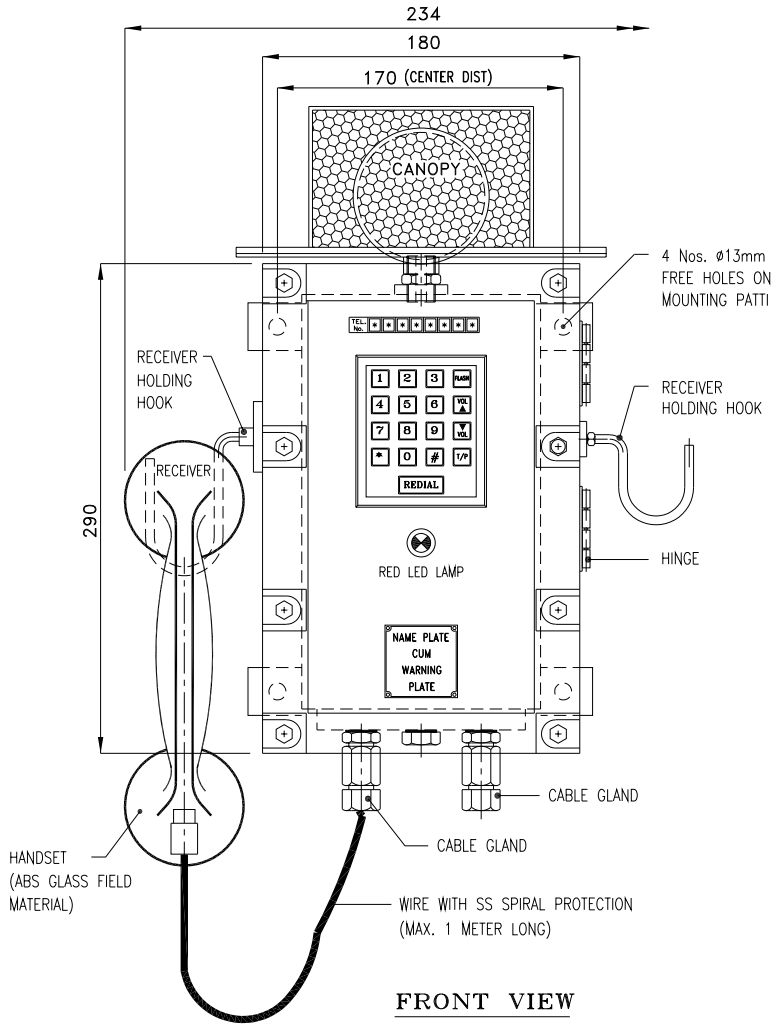
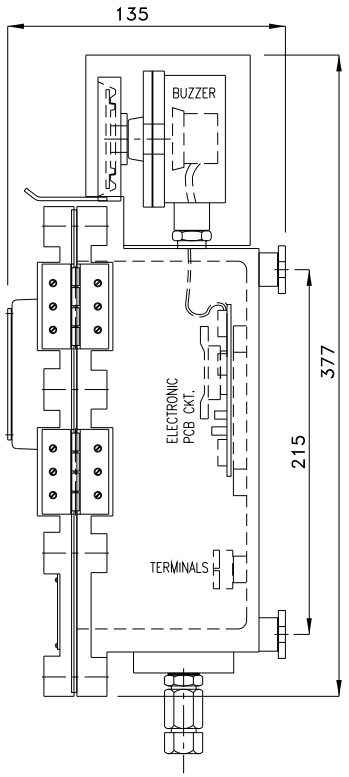
FILE No. : DRAWING–2023/STD. G.A./TL2C169–1

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 & IIC, IS/IEC 60079–1 (2007)
. . 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 – TELEPHONE WITH PULSE / TONE ARRANGEMENT & REDIAL FACILITY
3 – SOUND LEVEL – 80 dB SOUND LEVEL AUDIABLE IN 1 METERS ON
. . NORMAL AREA/NORMAL CONDITION.
4 – TELEPHONE SUITABLE FOR 48V DC SUPPLY
5 – TERMINALS – 8 WAY, 10 Amp. CLOSE STRIP TYPE TERMINALS WILL BE
. . PROVIDED
. . ----------
6 – CABLE ENTRIES – 3 Nos. M20 / 1/2" NPT / 3/4" ET EQUIVALENT
. . CABLE ENTRIES FROM BOTTOM SIDE – REFER DRAWING
7 – CABLE GLAND – (Ex d) DOUBLE COMPRESSION TYPE CABLE GLAND OF
. . 'SUDHIR' MAKE
8 – STOPPING PLUG – (Ex d) STOPPING PLUG OF 'SUDHIR' MAKE
. . ----------
9 – Explosion proof (Ex 'd') Telephone Enclosure contains for chambers
. . (Main, Terminals, Buzzar & Dial). The main chambers is flameproof
. . while others are intrinsically safe (ringer). Gasket are provided for
. . weatherproof protection. Handset is connected to the output terminals.

==> SALIENT FEATURES

. a) LED FOR INDICATING INCOMING CALLS
. b) METALIC DIAL KEYPAD
. c) STAINLESS STEEL FLEXIBLE CORD PROTECTS THE WIRE TO HANDSET
. d) FLASH BUTTON IN KEYPAD
. e) ELECTRONICS COATED WITH LACQUER TO PREVENT MOISTURE
. . .
. . .

Fitting OPTIONS :

1)	MATERIAL CONSTRUCTION	:	STAINLESS STEEL
2)	VOLTAGE	:	48V DC
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)	CABLE ENTRIES	:	MAX. 4 Nos. UPTO M25/ 3/4" NPT/ 1" ET SIZE
.	.		. .

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. TL/2C/169
MODEL No.: TL2C/169–1
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 INTRINSICALLY SAFE PUSH BUTTON TYPE TELEPHONE

CMRI. CERT. No. IN/CIMFR/TR22/P/H284 Dt. 28/09/2022
PESO No. : .
BIS LICENCE No. : CM/L–0003931365

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