



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 $\pm 10mm$

REV.	DATE	DESCRIPTION	DRN.	CHKD.	APPD.	SCALE	QTY.	NO.	REV.

<p>NOTE : COMPONENT LAYOUT IS TENTATIVE RELOCATION OF PARTS & COMPONENTS IS POSSIBLE AT THE TIME OF ACTUAL MANUFACTURING. OVERALL DIMENSIONS ARE $\pm 10mm$</p>	<p>Model No.: TL/169-1</p> <p>DRN. / JMS/KW</p> <p>CHKD. / APPD.</p> <p>SHEET 1 OF 1</p> <p>N. T. S. REV.-0</p>	<p>QTY. No. TL/OA/169</p> <p>Model No.: TL/169-1</p> <p>DRN. / JMS/KW</p> <p>CHKD. / APPD.</p> <p>SHEET 1 OF 1</p> <p>N. T. S. REV.-0</p>	<p>SUDHIR SWITCHGEARS PVT. LTD. 130, MULBA SAKOCHER WRC, MULBA - 400 023</p> <p>TITLE : FLAMEPROOF-WEATHERPROOF ENCLOSURE FOR INTRINSICALLY SAFE PUSH BUTTON TYPE TELEPHONE</p> <p>QTR. CERT. No. IN/CI/MFR/TR21/R/1090</p> <p>PESO No. : P540767/1</p> <p>BIS LICENCE No. : CM/L-0003331365</p> <p>Dt. 16/07/2021</p> <p>Dt. 15/07/2022</p>
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Reference IS/IEC Standard as follows :

- 1 - FLAMEPROOF (Ex d) PROTECTION - IIB, IS/IEC 60079-1 (2007)
- TEMPERATURE CLASS - T6
- 2 - INGRESS (IP) PROTECTION - IP66, 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, CI/MFR, 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 AUDIBLE 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
- 7 - CABLE ENTRIES FROM BOTTOM SIDE - REFER DRAWING
- 8 - STOPPING PLUG - (Ex d) STOPPING PLUG OF 'SUDHIR' MAKE
- 9 - Explosion proof (Ex 'd') Telephone Enclosure contains for chambers (Main, Terminals, Buzzer & Dial). The main chambers is flameproof while others are intrinsically safe (ranger). 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