



FRONT VIEW

SIDE VIEW

Fitting OPTIONS :

- 1) MATERIAL CONSTRUCTION : STAINLESS STEEL
- 2) VOLTAGE : 230V / 415V AC
- 3) CABLE GLAND & PLUG : BRASS/S.S./ALUMINIUM
- 4) PAINT SHADE : 632/356/7031/7032, etc... (As per Standard)
- 5) CANOPY : M.S. / G.I. / FRP
- 6) SWITCH AMP. RATING : UPTO 32 Amp. DP/FP/FPN
- 7) MAKE OF SWITCH : KAYCEE / SULZER, etc... EQUIVALENT
- 8) CABLE ENTRIES : 2 Nos. M25 / 3/4" NPT / 1" ET

- Reference IS/IEC Standard as follows :
- 1 - FLAMEPROOF (Ex d) PROTECTION - IIA/IB, IS/IEC 60079-1 (2007)
 - TEMPERATURE CLASS - T6
 - 2 - INGRESS (IP) PROTECTION - IP-66, IS/IEC 60529 (2001).

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 - SWITCH - 1 No. 16 Amp. (2P+E), SWITCH OF 'RECOM' MAKE
- 3 - INTERLOCK ARRGT. SUCH AS THE PLUG CAN NOT BE REMOVED WHEN THE 'SWITCH' IS IN ON POSITION & CAN BE WITHDRAWN ONLY WHEN THE 'SWITCH' IS IN 'OFF' POSITION.
- 4 - RUBBER COVER WILL BE PROVIDED FOR SOCKET
- 5 - TRANSFORMER - 1 No. UPTO 240/24V AC, 100VA, TRANSFORMER
- 6 - TERMINALS - 3 Nos. 2.5sq. mm CLIP-ON TYPE TERMINALS OF 'ELMEX/CONNECTWELL' MAKE
- 7 - CABLE ENTRIES - 2 Nos. BOTTOM SIDE & 1 No. PLUG TOP SIDE CABLE ENTRIES OF M20 / 1/2" NPT / 3/4" ET SIZE - REFER DRAWING
- 8 - CABLE GLAND - (Ex d) DOUBLE COMPRESSION TYPE CABLE GLAND OF 'SUDHIR' MAKE
- 9 - STOPPING PLUG - (Ex d) STOPPING PLUG OF 'SUDHIR' MAKE

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NOTE :		CAT. No.	SS/0A/174
COMPONENT LAYOUT IS TENTATIVE RELOCATION OF PARTS & COMPONENTS IS POSSIBLE AT THE TIME OF ACTUAL MANUFACTURING. OVERALL DIMENSIONS ARE ±10mm		MODEL No.:	SS/174-11
DRN.	JASNAK	APPR.	
SHEET	1 OF 1	CIMFR CERT. No.	CIMFR/TC/SR/1431
REV.	DATE	DESCRIPTION	DRN.
			CHD.
			APPR.
			SCALE
			N. T. S. REV.-0

SUDHIR SWITCHGEARS PVT. LTD.
130, MALLA SAMAJOOR MARG, MALLA - 400 023

TITLE : **FLAMEPROOF-WEATHERPROOF ENCLOSURE FOR SWITCH SOCKET WITH PLUG COMBINED**

PESO No. : P524257/1
BIS LICENSE No. : CM/L-0003331365
Dt. 24/01/2013
Dt. 02/03/2022