



FRONT VIEW

SIDE VIEW

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) MAKE OF SWITCH : KAYCEE/SULZER
- 8) SWITCH RATING SELECTION :

Sr.	Switch Rating	Pole	Voltage	PIN
1	16 Amp.	DP	240V AC	2P+E
2	16 Amp.	TP	415V AC	3P+E
3	16 Amp.	TPN	415V AC	4P+E
4	20 Amp.	DP	240V AC	2P+E
5	20 Amp.	TP	415V AC	3P+E
6	20 Amp.	TPN	415V AC	4P+E
7	25 Amp.	DP	240V AC	2P+E
8	25 Amp.	TP	415V AC	3P+E
9	25 Amp.	TPN	415V AC	4P+E
10	32 Amp.	DP	240V AC	2P+E
11	32 Amp.	TP	415V AC	3P+E
12	32 Amp.	TPN	415V AC	4P+E

Reference IS/IEC Standard as follows :

- 1 - FLAMEPROOF (Ex d) PROTECTION - IIA/IIb, IS/IEC 60079-1 (2014)
- TEMPERATURE CLASS - T6
- 2 - INGRESS (IP) PROTECTION - 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 - SWITCH - 1 No. SELECTOR SWITCH OF 'RECUM' MAKE (REFER TABLE)
- 3 - RUBBER FLAP WILL BE PROVIDED (FOR SOCKET HOLDER)
- 4 - 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 SUCH AS THE PLUG CAN NOT BE REMOVED WHEN THE SWITCH IS IN 'ON' POSITION & CAN BE WITHDRAWN ONLY WHEN THE SWITCH IS IN 'OFF' POSITION.
- 5 - TERMINALS - 4 Nos. 2.5sq. mm CLIP-ON TYPE TERMINALS OF 'ELMEX/CONNECTWELL' MAKE
- 6 - CABLE ENTRIES - 2 Nos. BOTTOM SIDE & 1 No. PLUG TOP SIDE CABLE ENTRIES OF M20 / 1/2" NPT / 3/4" ET SIZE - 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 - M.S. BOX (LIGHT GREY EPOXY POWDER COATING) WITH STAINLESS STEEL COVER FOR CLEAN ROOM AREA (REFER DRAWING)

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.
Δ					
Δ					
Δ					

  

CAT. No.	SS/1010
MODEL No.:	SS/1010-CRF
DRN.	profill
CHKD.	JASHW
APPD.	
SHEET	1 OF 1
SCALE	N. T. S. REV.-0

  

<p><b>SUDHIR SWITCHGEARS PVT. LTD.</b> 130, MULBARI SAMACHAR MARG, MULBARI - 400 023</p>	
<p>TITLE : FLAMEPROOF-WEATHERPROOF ENCLOSURE FOR SWITCH SOCKET WITH PLUG COMBINED</p>	<p>DESIGNER : IN/CIMFR/T121/R/H124</p>
<p>DATE : 08/07/2021</p>	<p>DESIGNER : P53/976/1</p>
<p>SCALE</p>	<p>DATE : 02/06/2022</p>
<p>BIS LICENCE No. :</p>	<p>CW/L-0003531365</p>

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