



**FRONT VIEW**

**SIDE VIEW**

SR. No.	OUTGOING SWITCH SOCKET COMBINATION
1	4 Nos. UPTO 32 Amp. DP / TP / TPN
2	6 Nos. UPTO 32 Amp. DP / TP / TPN
3	8 Nos. UPTO 32 Amp. DP / TP / TPN
4	10 Nos. UPTO 32 Amp. DP / TP / TPN
5	12 Nos. UPTO 32 Amp. DP / TP / TPN

**Fitting OPTIONS :**

- 1) MATERIAL CONSTRUCTION : STAINLESS STEEL
- 2) VOLTAGE : UPTO 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) CABLE ENTRIES : NPT / EQUIVALENT ET THREADS
- 7) SWITCH/MCB/MCB/RCBO : UPTO 32 Amp. TP/TPN
- 8) TRANSFORMER : UPTO 240V/24 AC, 150VA

- Reference IS/IEC Standard as follows :
- 1 - FLAMEPROOF (Ex d) PROTECTION - IIA/IIb & IIC, 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 - MCB (INCOMING) - 32 Amp. DP/TP/4P, MCB 'INDO ASIAN/SCHNEIDER'
- 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 SUCH AS THE PLUG CAN NOT BE REMOVED WHEN THE SWITCH IS IN 'ON' POSITION & CAN BE WITHDRAWN ONLY WHEN THE SWITCH IS IN 'OFF' POSITION.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 FLAP WITH CHAIN COVER WILL BE PROVIDED FOR SOCKET SWITCH (OUTGOING) - 4 Nos. 16 Amp. SP/DP SWITCH
- 4 - TERMINALS - 4 Nos. 50sq. mm CLIP-ON/BUSBAR TYPE TERMINALS OF 'ELMEX/CONNECTWELL' MAKE
- 5 - CABLE ENTRIES - (INCOMING BOTTOM SIDE) 2 Nos. M40 SIZE & (OUTGOING PLUG TOP) 1 No. M32 SIZE CABLE ENTRIES
- 6 - CABLE GLAND - (Ex d) DOUBLE COMPRESSION TYPE CABLE GLAND OF 'SUDHIR' MAKE
- 7 - STOPPING PLUG - (Ex d) STOPPING PLUG OF 'SUDHIR' MAKE

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REV.	DATE	DESCRIPTION	DRN.	CHD.	APPD.	SCALE	CR. No.	CDT. No.
Δ							RCP/SC/2022	
Δ							MODEL No.:	
Δ							RCP/2022-M SW. SOC	
Δ							DRN. profill	
Δ							CHD. JASKHU	
Δ							APPD. .	
Δ							SHEET 1 OF 1	
Δ							N. T. S. REV.-0	

**NOTE :**  
 COMPONENT LAYOUT IS TENTATIVE RELOCATION OF PARTS & COMPONENTS IS POSSIBLE AT THE TIME OF ACTUAL MANUFACTURING.  
 OVERALL DIMENSIONS ARE ±10mm

**SUDHIR SWITCHGEARS PVT. LTD.**  
 130, MALHA SAMACHAR MARG, MALHA - 400 023

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

QMR. CERT. No. : IN/CIMFR/TR22/R/H549  
 Dt. 30/03/2022

PESO No. : PS41563/1  
 Dt. 23/07/2022

BIS LICENCE No. : CM/L-000331365