



FRONT VIEW

SIDE VIEW

Fitting OPTIONS :

- 1) MATERIAL CONSTRUCTION : STAINLESS STEEL
- 2) VOLTAGE : 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) INTERNAL COMPONENTS : UPTO 250 Amp. ISOLATOR
- 7) CABLE ENTRIES : NPT / EQUIVALENT 'ET' THREADS

- 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 - MCCB - 1 No. 250 Amp. TP/TPN MCCB UNIT
- 3 - TERMINALS - 8 Nos. 120-150sq. mm BUSBAR TYPE TERMINALS OF 'ELMEY/CONNECTWELL' MAKE
- 4 - CABLE ENTRIES - 2 Nos. M63 SIZE CABLE ENTRIES FROM BOTTOM SIDE
- 5 - CABLE GLAND - (Ex d) DOUBLE COMPRESSION TYPE CABLE GLAND OF 'SUDHIR' MAKE
- 6 - STOPPING PLUG - (Ex d) STOPPING PLUG OF 'SUDHIR' MAKE

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.	CHD.	APPD.	SCALE	CAT. No.	MODEL No.	DRN.	CHD.	APPD.	SHEET	OF	REV.	QMR. CERT. No.	PESO No. :	BIS LICENCE No. :
Δ							MCDB/186	MCDB/186-MCCB				1	01	1		P535430/1	CW/L-000331365
Δ																	
Δ																	

THIS DRAWING IS PROPERTY OF "SUDHIR SWITCHGEARS PVT. LTD." AND MUST BE RETURNED ON REQUEST IF IT IS SUBMITTED AS CONFIDENTIAL INFORMATION IN CONNECTION WITH ENQUIRY, TENDER, ORDER, OR CONTRACTS IT IS NOT TO BE USED FOR ANY OTHER PURPOSE OR ORDER NOR MAY IT RE-COPIED OR LENT WITHOUT OUR AUTHORITY IN WRITING.

SUDHIR SWITCHGEARS PVT. LTD.
 130, MULBAY SAMACHER MARG, MULBAY - 400 023
TITLE : FLAMEPROOF - WEATHERPROOF ENCLOSURE FOR CONTROL PANEL

QMR. CERT. No. : IN/CIMFR/TR20/733
 Dt. 04/03/2020
 PESO No. : P535430/1
 Dt. 28/04/2022
 BIS LICENCE No. : CW/L-000331365