

Technical drawing of the M1000 meter, showing front and side views with dimensions and labels.

Front View Dimensions:

- Overall width: 250
- Overall height: 146
- Mounting distance (between screw centers): 72

Labels for Front View:

- NAME PLATE
- CUM
- WARNING
- PLATE
- ON
- OFF

Side View Dimensions:

- Overall depth: 23
- Overall width (including cable entries): 122

Labels for Side View:

- SWITCH
- SWITCH OPERATING KNOB
- RUBBER GASKET
- 2 Nos. 19 x 12mm SLOTS FOR MOUNTING
- WIRE SLEEVE
- HARDWARE
- TERMINALS
- EXTERNAL EARTHING SCREW (M6)
- CABLE ENTRIES (BOTTOM SIDE)

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 | : 10 Amp./ 16 Amp./ 20 Amp./ 25 Amp./ 32 Amp. |
| 7) MAKE OF SWITCH | : SINGLE POLE/ DOUBLE POLE/ TRIPLE POLE |
| 8) TYPE OF SWITCH | : KAYCEE / SULZER / EQUIVALENT |
| 9) TYPE OF SWITCH | : FAN REGULATOR |

NOTE :
COMPONENT LAYOUT IS TENTATIVE RELOCATION OF PARTS & COMPONENTS IS POSSIBLE AT THE TIME OF ACTUAL MANUFACTURING.

[illegible]

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 ALUMINUM ALLOY
- 2 - FINISH - INSIDE & OUTSIDE LIGHT GREY EPOXY SHADE No. 631 AS PER IS:5
- 3 - EARTHING - 1 No. INSIDE & 2 Nos. OUTSIDE T 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, CMFR, PESO, SR. NO., GAS GROUP, RATING, BIS MARKING, WARNING STATUS, etc....)

- 2 - SWITCH - 1 No. 6 Amp., 230V AC, SP/DP, ON-OFF SELECTOR SWITCH OF 'RECOM' MAKE
- 3 - TERMINALS - 4 Nos. 2.5sq. mm CLIP-ON TYPE TERMINALS OF 'ELME/CONNECTWELL' MAKE
- 4 - CABLE ENTRIES - 2 Nos. M20 / 1/2" NPT / 3/4" ET EQUIVALENT CABLE ENTRIES FROM BOTTOM SIDE - REFER DRAWING
- 5 - CABLE GLAND - (Ex d) DOUBLE COMPRESSION TYPE CABLE GLAND OF 'SUDHIR' MAKE
- STOPPING PLUG - (Ex d) STOPPING PLUG OF 'SUDHIR' MAKE