FORMAT NO.: (CIMFR: DQM: FLP02: F-01:REV-01)  
( Flame & Explosion Laboratory )

Proto Report No.: CIMFR/TC/P/144  
Dated: 30th April, 2015

Equipment ID No.: 85/15  
Code No.: FLP/229/14-15

Application Ref. No.: VMCL/CIMFR/02/2014-15  
Dated: 02/02/2015

1. Applicant : M/S. VOLTECH MANUFACTURING COMPANY LIMITED, VALVES & FLAME PROOF EQUIPMENT DIVISION, 132, 133 & 134, SRI KUMARAN NAGAR, KUNDRA THUR MAIN ROAD, KOVUR, CHENNAI-602 101

2. Manufacturer : SAME AS ABOVE


4. Designated by : Cat. No.: VMC/105

5. Gas Group, Zone : Zone 1& 2 and Gas Group : IIC atmosphere only.

6. Electrical ratings: Rated 16A, 500V AC/DC

7. Temperature Class : T6 (See Result Result#A2)

8. Degree of Ingress Protection: IP-65 (See Result Result#A4)

9. Material of Construction: Cast Aluminium Alloy LM-6 construction. Refer drawing for material thickness at different locations of the enclosure.

10. Description of the apparatus: Flameproof/Weatherproof (IP-65) Switch/Junction Box.

A. Description | Volume in cc | Min. Wall Thickness (mm) | Nos. & Size of Bolts/Fasteners
---|---|---|---
Single Enclosure | 575 cc | 4mm | 3 nos. M8x25mm long Allen FXG. Screws with plain spring washer.

B. Glass details | Max nos. of Aperture on cover
---|---
NIL | 1 no. rotary switch & 2 nos. push button

Note: For further details refer drawings.