FPBS 6525

FLAME PROOF CONTROL STATION



Mechanical Data

Material : Aluminium LM6

Weight : 35.0 Kg

IP Protection: IP 65 as per IS:13947(part 1)-1993/(IEC 60529/1989)

Finish : Anti corrosive Epoxy powder coated Cable Entry : 2* 1.0"NPT / 2*0.75"NPT / 6*0.5"NPT

(ET/BSP/Metric threads)

Gasket : Neoprene Hardware : Stainless Steel Canopy : Optional

Electrical Data

Wiring : PVC Insulated 1.5 sq.mm Stranded Copper

Terminals : 2.5 / 4.0 / 10 / 35 / 50 / 70mm2

Earthing : External : 2 Nos - M6

Internal: 1 No - M5

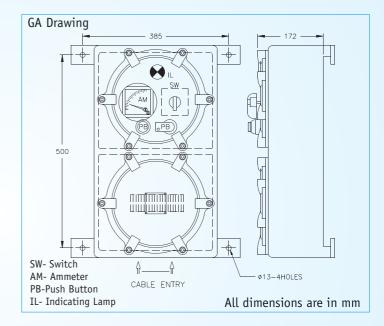
Variation	Detail
1	2 PBs + 2 lls + 1 no. selector switch
2	1 No. ammeter / Voltmeter, 3 nos. Indicating Lamps + 1 no. selector Switch
3	1 No. ammeter / Voltmeter, 3 nos. Push Buttons + 1 no. selector Switch
4	1 No. 72sqmm glass for ammeter/voltmeter + 1 IL + start / stop PBs + Selector switch
5	1 No. 72sqmm glass for ammeter/voltmeter + 1 no. selector switch + 3 nos. indicating lamps
6	1 No. 72sqmm glass for ammeter/voltmeter + 1 no. selector switch + 3 nos.push buttons



Description

Where several control & indication functions in a hazardous area are required to be operated from one location, they can all be mounted in an Explosion proof Control Station.

This control station is available with one main and one terminal chamber, interconnected with duly sealed Exd nipples. Main chamber houses the components in various combinations as listed below. Clip on type terminals are housed in the terminal chamber which are pre wired to the components in main chamber. The Exd enclosures are also fitted with high quality neoprene gaskets to ensure weather proof protection.

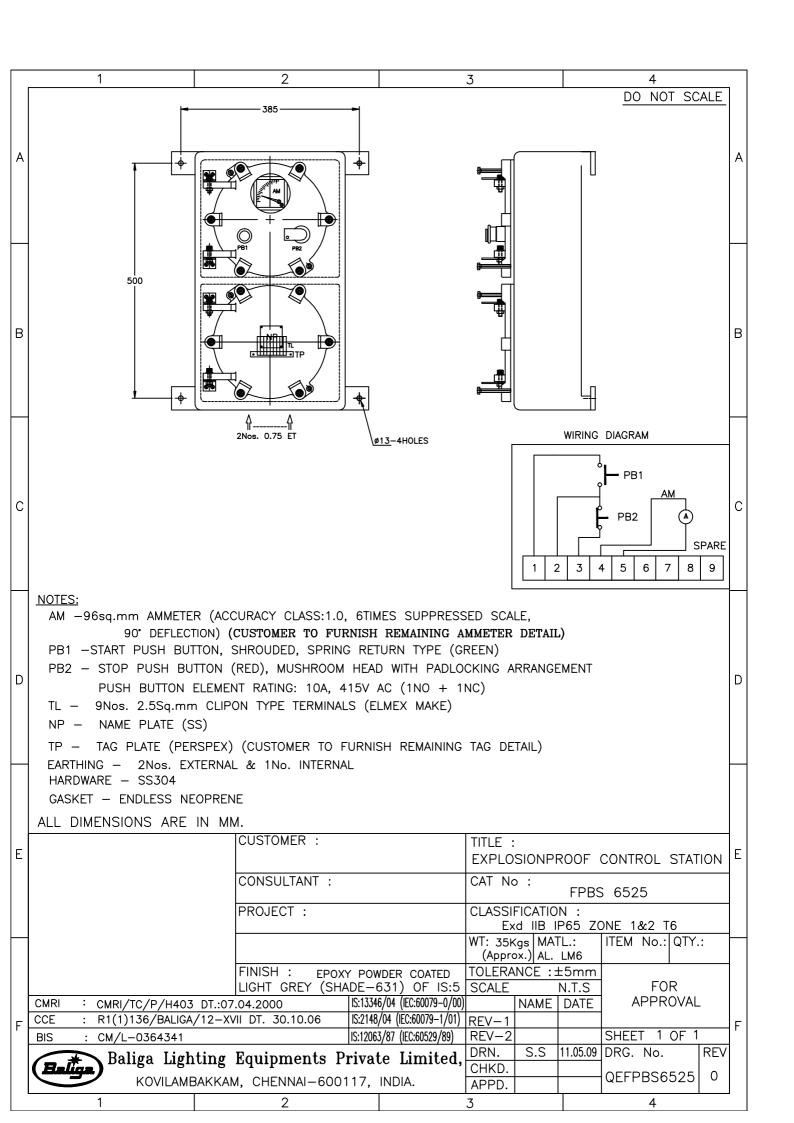


Type of protection Flame Proof - Exd Area Classification Zone 1 & 2 Gas Groups Group I, II A ,II B

Apparatus Standard IS:2148:2004(IEC 60079-1/2001)

CIMFR Certificate No. CIMFR/TC/SR/H1258

Approvals CCE, BIS



केन्द्रीय खनन एवं ईंधन अनुसंधान संस्थान

(वैज्ञानिक तथा औद्योगिक अनुसंधान परिषद) बरवा रोड. धनबाद - 826 001, झारखण्ड, भारत



ADDITIONAL FIRST COPY

Central Institute of Mining and Fuel Research

Formerly: Central Mining Research Institute (Council of Scientific & Industrial Research) BARWA ROAD, DHANBAD-826 001, JHARKHAND, INDIA

REGISTERED POST/COURIER SERVICE

No. CIMFR/TC/SR/H1258 I.D. No. 950/07

Dated: 3182 March, 2008 CODE NO. FLP/204 (O)/08

M/S. BALIGA LIGHTING EQUIPMENTS PVT. LTD., 389, MEDAVAKKAM ROAD, KOVILAMBAKKAM, **CHENNAI-600 117**

<u>Sub</u>: Supplementary Testing for **REVALIDATION** as per IS: 2148-2004 (IEC 60079-1/2001) of your enclosure for Flameproof/Weatherproof (IP-65) Control Station, in cast aluminium alloy LM-6 construction designated by Cat. No.: FPBS-6525, for use in Zone 1 & 2 and Gas Groups: IIA & IIB atmosphere only.

- Report on (REVALIDATION)

Your Ref. Appl. No.: CMRI/6/266/IIB

Dated: 21/12/2007

Dear Sir,

Please find enclosed the Supplementary Test Report for REVALIDATION of the above sample as per IS: 2148-2004.

The above apparatus was earlier certified as per IS: 2148-1981 vide CMRI Test Report No. CMRI/TC/P/H403 Dated: 07/04/2000 and subsequent supplementary/Addendum report nos. mentioned in the schedule of this report.

Charges of Rs. 10, 888/- Eight Eight @ Eight @ Charges of Rs. 10, 909/- (Rupees Ten thousand Nine hundred & Nine only) including contingency involved towards the testing/issuing the schedule have been adjusted against the advance deposit made by you.

Kindly arrange to collect the sample within 90 days from the date of receipt of this letter failing which CIMFR would dispose off the samples by public auction without any further NOTICE to you.

Kindly acknowledge receipt. Thanking you,

Yours faithfully,

Encl.: As above

Suppl. Report for Revalidation in Triplicate Copy to: 1. Head, Flame & Explosion Lab.

2. Bill Section.

(G. M. PRASAD)

HEAD OF THE DEPARTMENT

TESTING CELL

Page 1 of 7

फोन-निदेशक Director

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फेक्स FAX

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