

## FPJ 260 Series

FLAMEPROOF LIGHTING JUNCTION BOX.

(125 mm dia x 135 mm width)



### Mechanical Data

- Material : Aluminium LM6
- Weight : 4.8 Kg
- IP Protection : IP 65 as per IS-12063/1987 (IEC 60529/1989)
- Temperature Class : T6
- Finish : Anti corrosive Epoxy powder coated
- Cable Entry : Refer Chart Below
- Cover Fixing : Threaded
- Gasket : Neoprene
- Hardware : Stainless Steel (SS-304)

### Electrical Data

- Terminals : Refer terminal selection chart
- Earthing : External : 2 Nos - M6  
Internal : 1 No - M5

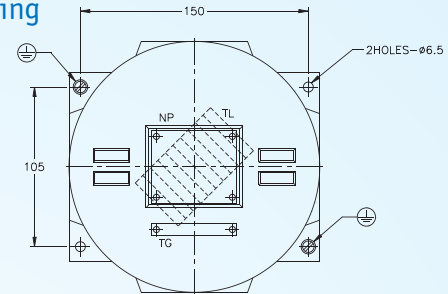
### Cable Entry Chart

Entry Size (Inches)			FPJ 260	
BSC	NPT / BSP	Metric (mm)	A / B	C / D
0.50	0.25	M 16 X 1.5	6	6
0.75	0.50	M 20 X 1.5	4	4
1.00	0.75	M 25 X 1.5	2	2
1.25	1.00	M 32 X 1.5	2	2
1.50	1.25	M 40 X 1.5	1	1
2.0	1.5	M 48 X 1.5	1	1

### Description

Explosion proof lighting junction box , available in multiple entries with threaded cover. For the maximum no., Size, type of thread entries, no and size of terminals refer the chart given below. The covers are provided with high quality gaskets for weather proof protection.

### GA Drawing



NP - Name plate  
TL - Terminals  
TG - Tag plate

All dimensions are in mm

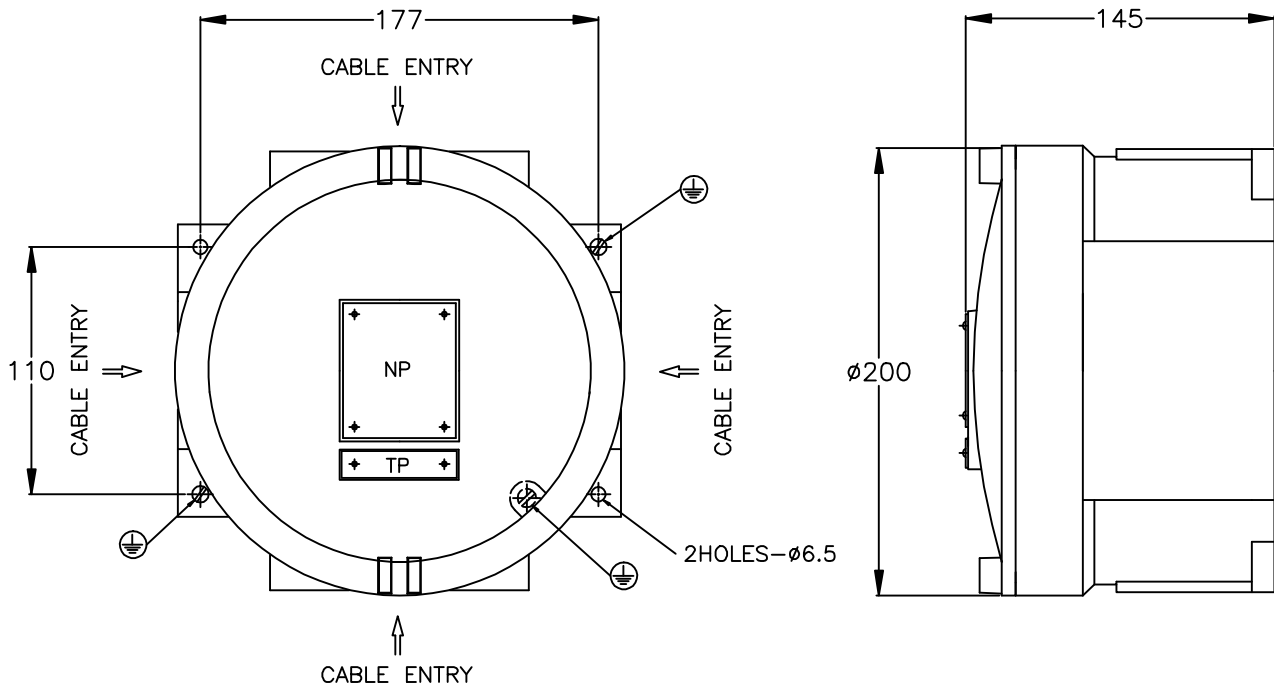
Type of protection	Flame Proof - Exd
Area Classification	Zone 1 & 2
Gas Groups	Group I, II A ,II B
Apparatus Standard	IS:2148-2004 (IEC 60079-1/2001)
CMRI Certificate No.	CIMFR/TC/SR/H989
Approvals	CCE, BIS

### Terminal Selection Chart

Cat. No Size	Max no of terminals						
	4 mm <sup>2</sup>	6 mm <sup>2</sup>	10 mm <sup>2</sup>	16 mm <sup>2</sup>	35 mm <sup>2</sup>	50 mm <sup>2</sup>	70 mm <sup>2</sup>
FPJ 260 Ø 125	10	8	7	5	-	-	-

IF IN DOUBT ASK

DO NOT SCALE



**NOTES:**

- NP - NAME & WARNING PLATE(SS)
- TP - TAG PLATE (PERSPEX) (CUSTOMER TO FURNISH TGA DETAIL IF ANY)
- EARTHING - 2Nos. EXTERNAL (M6) & 1No. INTERNAL (M5)
- HARDWARE - SS304
- GASKET - NEOPRENE

INTERNAL DIMENSION:  $\phi 165\text{MM} \times 100\text{MM}$  DEPTH  
 ALL DIMENSIONS ARE IN MM.

	CUSTOMER :	TITLE : EXPLOSIONPROOF MULTIWAY JUNCTION BOX				
	CONSULTANT :	CAT No. : FPJ-624				
	PROJECT :	CLASSIFICATION : Exd IIC IP65 ZONE 1&2				
	P.O No.:	WT.: 3.5Kgs. (APPROX.)	MATL: AL. LM-6	ITEM No.:	QTY.:	
	FINISH : EPOXY POWDER COATED LIGHT GREY (SHADE-631) OF IS:5	TOLERANCE : $\pm 5\text{mm}$ .		FOR APPROVAL		
	SCALE N.T.S					
CMRI : CMRI/TC/P/H77 DT. 20.01.2000	IS:13346/04 (IEC:60079-0/00)	NAME	DATE	SHEET 1 OF 1		
CCE : A/P/HQ/MH/104/784 DT. 14.07.2004	IS:2148/04 (IEC:60079-1/01)	REV-1				
BIS : CM/L-0364341	IS:12063/1987 (IEC:60529/1989)	REV-2				
<b>Baliga Lighting Equipments Private Limited,</b> KOVILAMBAKKAM, CHENNAI-600117, INDIA.		DRN.	S.S	11.05.09	DRG. No.	REV
		CHKD.			QEFPJ62401	0
		APPD.				

# केन्द्रीय खनन एवं ईंधन अनुसंधान संस्थान

(वैज्ञानिक एवं औद्योगिक अनुसंधान परिषद्)  
बरवा रोड, धनबाद - 826001, झारखण्ड, भारत



**ADDITIONAL FIRST COP**

## Central Institute of Mining and Fuel Research

Formerly : Central Mining Research Institute,  
(Council of Scientific & Industrial Research)  
BARWA, ROAD, DHANBAD 826001 JHARKHAND, INDIA  
**REGISTERED POST/COURIER SERVICE**

No. CIMFR/TC/SR/H989  
I.D. No. 989/07

Dated: 21<sup>st</sup> February, 2008  
CODE NO. FLP/221H/08

To  
**M/S. Baliga Lighting Equipments Pvt. Ltd.,**  
389, Medavakkam Road,  
Kovilambakkam,  
**Chennai-600 117**

**Sub:** Supplementary Testing for **REVALIDATION** as per IS: 2148-2004 (IEC 60079-1/2001) of your enclosure for **Flameproof cum Weatherproof Junction Box**, in cast aluminium alloy LM-6 construction designated by **Cat. No.: FPJ-264** for use in Zone 1 & 2 and Gas Groups: IIA & IIB atmosphere only.

**- Report on (REVALIDATION)**

**Your Ref. Appl. No.: CMRI/6/254/IIB**

**Dated: 26/12/2007**

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/H1125, Dated: 21/01/1999.

Charges of **Rs. 6, 910/- (Rupees Six thousand Nine hundred Ten only)** including applicable service charges involved towards the testing/issuing the schedule have been adjusted against the advance deposit made by you.

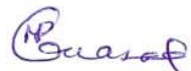
Kindly arrange to collect the sample within 90 days from the date of receipt of this letter failing which CIMFR would dispose off the sample by public auction without any further NOTICE to you.

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**

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फोन - निदेशक Director

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कार्यालय के दिन : सोमवार से शुक्रवार तक Working days : Monday to Friday