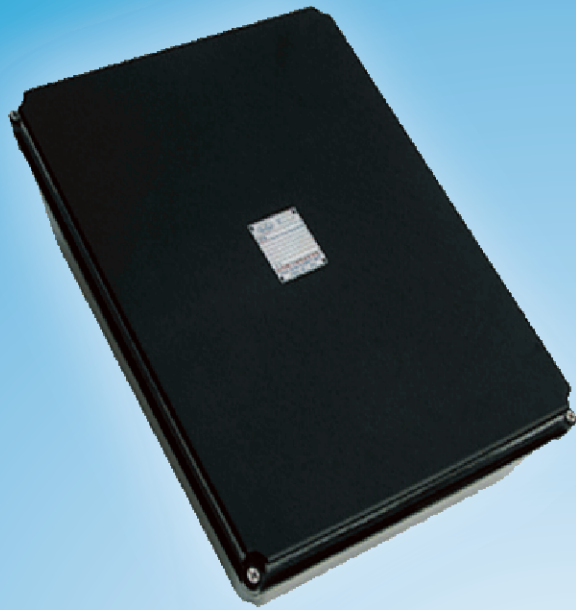


IS 121209 - IS 402512

INCREASED SAFETY FRP JUNCTION BOX



Mechanical Data

Material : FRP
 Weight : Refer the dimension chart
 IP Protection : IP 65
 Finish : Black
 Cable Entry : Refer cable entry chart
 Cover Fixing : Bolted
 Hinge : Stainless Steel.
 Gasket : Neoprene
 Hardware : Stainless Steel

Electrical Data

Terminals : Refer Chart.
 Earthing : External : 2 Nos - M6
 Internal : 1 No - M5
 Terminal Blocks : Glass Fibre reinforced DMC

Cable Entry

Entry size (Inches)			IS 121209		IS 221209		IS 161609		IS 261609		IS 252512		IS 402512	
BSC	NPT / BSP	Metric (mm)	A/B	C/D	A/B	C/D	C/D	A/B	C/D	A/B	C/D	A/B	C/D	A/B
0.50	0.25	M 16 X 1.5	2	2	7	2	4	4	11	4	10	12	10	20
0.75	0.50	M 20 X 1.5	2	2	6	2	3	3	7	3	9	9	9	16
1.0	0.75	M 25 X 1.5	1	1	4	1	2	2	5	2	4	4	4	7
1.25	1.0	M 32 X 1.5	-	-	3	1	2	2	4	1	3	3	3	6
1.50	1.25	M 40 X 1.5	-	-	-	-	-	-	3	1	2	3	2	5
2.0	1.50	M 48 X 1.5	-	-	-	-	-	-	-	-	-	-	-	-
2.5	2.0	M 63 X 1.5	-	-	-	-	-	-	-	-	-	-	-	-

Description

Increased safety restricted breathing type of junction boxes, fitted with anti-vibration terminals to suit circuit requirements. Possible to provide wide combination of cable entries for different sizes. A continuously moulded gasket ensures reliable weather proof protection.

Cat.No.	Internal Dimn.	Weight
IS 121209	120 X 120 X 90 mm	745 g
IS 221209	220 X 120 X 90 mm	1060 g
IS 161609	160 X 160 X 90 mm	1275 g
IS 261609	260 X 160 X 90 mm	1700 g
IS 252510	255 X 250 X 120 mm	2600 g
IS 402512	400 X 250 X 120 mm	3600 g

Dimension Chart

GA Diagram

To View the GA Drawing click on the Catalogue No.

[IS 121209](#)

[IS 221209](#)

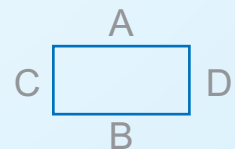
[IS 161609](#)

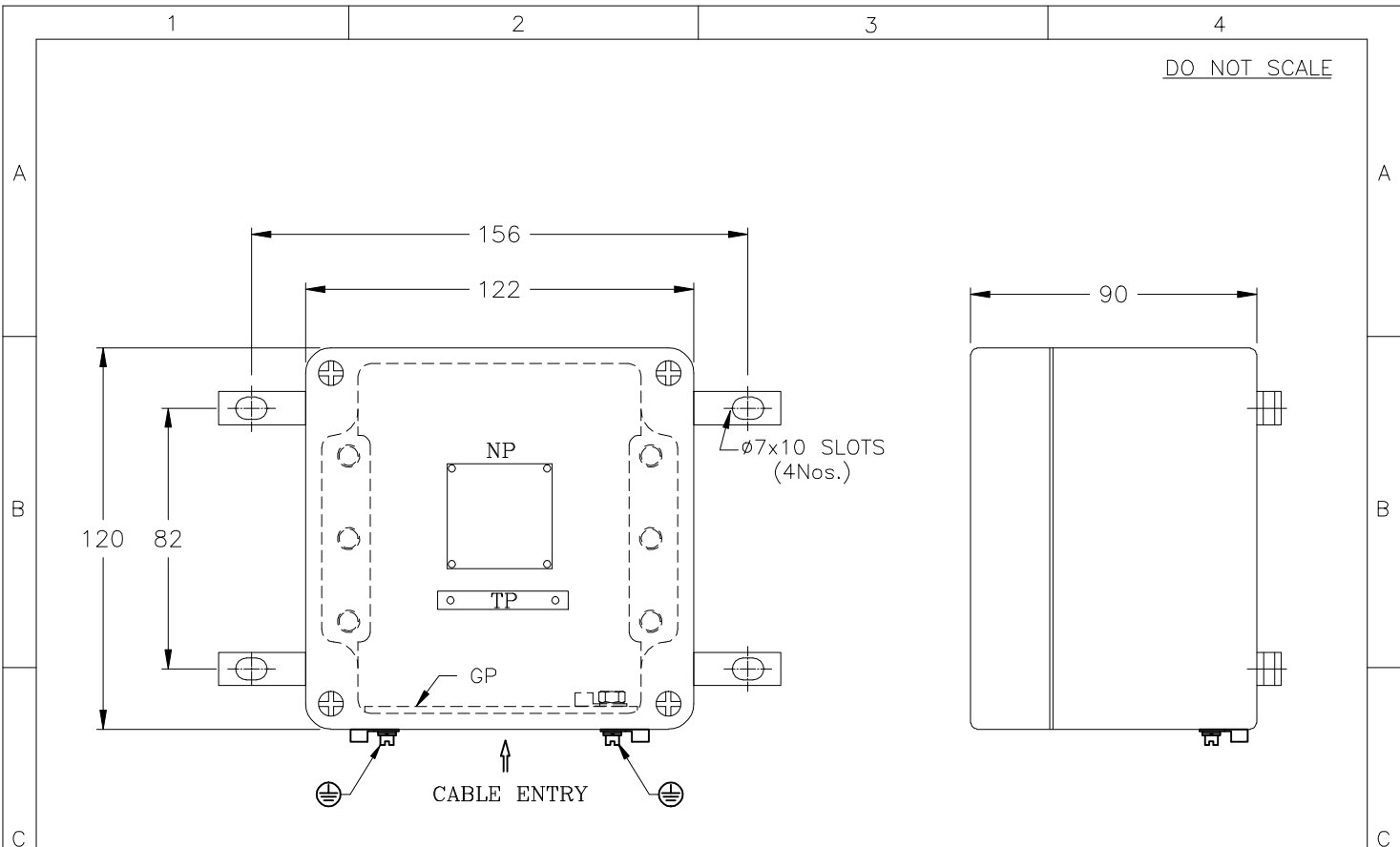
[IS 261609](#)

[IS 252510](#)

[IS 402512](#)

Type	Increased Safety - Exe
Area Classification	Zone 2
Apparatus Standard	IS - 8224
CMRI Certificate No.:	
IS 121209	V / REV / 1448
IS 221209	V / REV / 1454
IS 161609	V / REV / 1442
IS 261609	V / 1 / 1 / 652
IS 252510	V / 1 / 1 / 652
IS 402512	V / 1 / 1 / 652
Approvals	CCE





NOTES:

- NP - NAME PLATE (SS)
- TP - TAG PLATE (PERSPEX)
- EARTHING - 2Nos.EXTERNAL & 1No.INTERNAL
- HARDWARE - SS304
- GP - GLAND PLATE (BRASS)

EXTERNAL DIMENSION : 122X120X90mm
 ALL DIMENSIONS ARE IN MM.

	CUSTOMER : -		TITLE : INCREASED SAFETY JUNCTION BOX				
	CONSULTANT : -		CAT NO : IS-121209				
	PROJECT : -		CLASSIFICATION : Exe IP65 ZONE 2				
	P.O No. : -		WT : 750g (APPROX)	MATL : FRP	ITEM.No: -	QTY: -	
	FINISH : BLACK		TOLERANCE : ±5mm		FOR APPROVAL		
		SCALE : N.T.S					
		NAME	DATE				
CMRI : CMRI/TC/P/H747 DT. 11.06.1999	IS:13346/04 (IEC:60079-0/00)						
CCE : R1(1)136/BALIGA/12-XIV DT. 10.06.05	IS:6381/04 (IEC:60079-7/01)		REV-1				
	IS:12063/87 (IEC:60529/89)		REV-2		SHEET 1 OF 1		
	Baliga Lighting Equipments Private Limited, KOVILAMBAKKAM, CHENNAI-600 117, INDIA.		DRN.	S.S	11.05.09	DRG. NO.	REV
			CHKD.			QE12120901	0
			APPD.				