

FLAME PROOF JUNCTION BOX DETAILED ANNEXURE - BA

Project : 1727-BHUSAWAL SCR
PGMA : SC-104

Rev.00
Input Document Ref: 1727-SCR-ICD-R1

24 Way JB									
Style		Incoming Cables				Outgoing Cables			Qty
	Suitable Cable OD (mm)	Total Number of			Suitable Cable OD (mm)	Total Number of			
		Cable Entries	Cable Gland	Dummy Plug		Cable Exits	Cable Gland	Dummy Plug	
01	16-18	2	2	1	18-20	1	1	1	04
02	16-18	4	4	1	20-22	1	1	1	06
Sub-Total									10

48 Way JB									
Style		Incoming Cables				Outgoing Cables			Qty
	Suitable Cable OD (mm)	Total Number of			Suitable Cable OD (mm)	Total Number of			
		Cable Entries	Cable Gland	Dummy Plug		Cable Exits	Cable Gland	Dummy Plug	
01	16-18	4	4	1	20-22	1	1	1	08
02	16-18	8	8	1	20-22	2	2	1	02
Sub-Total									10

72 Way JB									
Style	Incoming Cables				Outgoing Cables				Qty
	Suitable Cable OD (mm)	Total Number of			Suitable Cable OD (mm)	Total Number of			
		Total Cable Entries	Cable Gland	Dummy Plug		Total Cable Exits	Cable Gland	Dummy Plug	
01	12-14	9	8	2	20-22	2	2	1	06
Sub-Total									06
General Details of Cable Glands									
1	All the cable glands shall be Double compression, Brass with Nickel plated, Flame proof type.								
2	All Dummy plugs shall be Aluminium, Nickel plated.								
3	All the cable glands shall conform to IIA protection clause.								
4	The entry thread for all the cable glands shall be external thread/parallel thread. Suitable entry thread shall be provided in the junction box.								
5	Earth Lug shall be supplied along with each cable gland.								
6	The cable entry details, No. of cable glands and Dummy plug will be finalised during final drawing approval.								

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ESTIMATED : NAME PLATE DETAILS FOR EACH VARIANTS OF JUNCTION BOX

24 WAY – JUNCTION BOXES TOTAL QTY – 10	
SCR-UA-JB-02	SCR-UA-JB-13
SCR-UA-JB-08	SCR-UA-JB-19
SCR-UA-JB-10	SCR-UA-JB-20
SCR-UA-JB-11	SCR-UA-JB-
SCR-UA-JB-	SCR-UA-JB-

48 WAY – JUNCTION BOXES TOTAL QTY – 10	
SCR-UA-JB-01	SCR-UA-JB-07
SCR-UA-JB-03	SCR-UA-JB-09
SCR-UA-JB-04	SCR-UA-JB-12
SCR-UA-JB-05	SCR-UA-JB-
SCR-UA-JB-06	SCR-UA-JB-

72 WAY – JUNCTION BOXES TOTAL QTY - 06	
SCR-UA-JB-14	SCR-UA-JB-17
SCR-UA-JB-15	SCR-UA-JB-18
SCR-UA-JB-16	SCR-UA-JB-

Note: All remaining Qty name plates shall be supplied blank without engraving.

**VENDOR SHALL GET PRIOR APPROVAL FOR MANUFACTURING AFTER
PLACEMENT OF PURCHASE ORDER AS THE NAME PLATES DETAILS SUBJECTED
TO CHANGE.**