
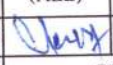
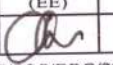
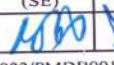


TECHNICAL SPECIFICATIONS		
S.NO.	DESCRIPTIONS	SPECIFICATION
1	MATERIAL	COLD ROLLED M.S. SHEET
2	BOX INTERNAL DIMENSIONS	418x300x120MM.
3	THICKNESS OF CR SHEET	20SWG
4	NUMBER OF INSULATED BUSBAR	4 NOS.(PHASE BUSBAR IN RED-YELLOW-BLUE COLOR & NEUTRAL BUSBAR IN BLACK COLOR)
5	SIZE OF INSULATED BUSBAR	17x24MM. (200A)
6	MATERIAL OF BUSBAR	EC GRADE ALUMINIUM
7	MOUNTING OF EACH BUSBAR	INSIDE THE FIRE RESISTANT INSULATED CASING, SUCH THAT NO LIVE PART IS ACCESSIBLE BY HAND
8	FIXING OF CABLE IN INSULATED BUSBAR	EACH OUTGOING CABLE INSERTED INSIDE THE INSULATED BUSBAR & FIXED WITH 2NOS. M6 SCREWS / STUD AND INCOMING CABLE INSERTED INSIDE THE INSULATED BUSBAR & FIXED WITH 2NOS. M6 SCREW / STUDS
9	NUMBER OF OUTGOING CONNECTIONS	4NOS. CONNECTIONS FOR THREE PHASE/8NOS. FOR 1-PH(min.)
10	INCOMING CONNECTION	1NO. THREE PHASE CONNECTION
11	CABLE SIZE	OUTGOING CABLE: UPTO 4Cx25 SQ. MM & 2Cx16SQ.MM INCOMING CABLE: UPTO 4Cx35 SQ. MM
12	CLEARANCE BETWEEN PHASE & NEUTRAL	60MM.
13	INCOMING CABLE HOLE	1 NO. HOLE (50mm)(overall hole)
14	OUTGOING CABLE HOLE	4 NOS. HOLES (40mm)(overall hole) 6 NOS. HOLES (25mm)(overall hole)
15	INTERNAL DIAMETER OF CABLE GLAND	INCOMING GLAND:38MM. OUTGOING GLAND: (4Nos.)25MM.&(6Nos.)20MM
16	SEALING ARRANGEMENT	U-LATCH ARRANGEMENT ON DOOR
17	LOCKING ARRANGEMENT	1 NO. HOLE OF 8MM. IN U-LATCH ARRANGEMENT
19	SURFACE FINISH	POWDER COATED AFTER 7 TANK PHOSPHATING PROCESS
20	POWDER COATING	LIGHT ADMIRALTY GREY
22	POLE FIXING ARRANGEMENT	CLAMP PROVIDED

- Note:
1. All dimensions are in mm unless otherwise specified.
  2. In case of any discrepancy, please report to CE, P&P Wing KPDCL.
  3. These are tender drawings subject to modification by the owner as per field requirement. Contractor to submit his drawings after the award of contract for approval of the owner.
  4. Before mass manufacturing, the contractor shall provide a sample of Distribution Box and demonstrate suitability of the holder for incoming and outgoing cables with glands.



**Kashmir Power Distribution Corporation Ltd.**

POLE MOUNTED THREE PHASE DISTRIBUTION BOX		Scale	NTS
		Rev	0
DRAWN BY	CHECKED BY	CHECKED BY	APPROVED BY
Name	Er. Javid (AEE)	Er. Manzoor (EE)	Er. Muzaffar (SE)
Signature			
Drawing no	CE/P&P/DRG/2022/PMDB001		
Date of issue	18-07-2022		Sheet 1 OF 1