

BILL OF MATERIALS

SL NO	PARTICULARS	QUANTITY	REFERENCE STANDARD
1	MOLDED CASE CIRCUIT BREAKER 60 KA (REPUTED MAKE) 160A	2 NOS.	IS-8828 & IS-13947
2.	EC GRADE EQ ALUMINUM BUS BARS WITH PVC INSULATED TOUGHENED/COMPOUND INSULATION COATING a) MAIN BUS BARS 40x6mm b) CONNECTION LINKS 20x8mm	3 NOS. 12 NOS.	
3.	BUS SUPPORT INSULATORS 1.1KV CLAES	12 NOS.	
4.	M.S SHEET 2mm		
5.	PAINT: ADMIRAL GREY		IS-5
6.	DANGER BOARD 120x10mm	1 NO.	IS-2551
7.	BRASS BOLTS & NUTS FOR TERMINATION	12 NOS.	
8.	ALU-CU. BI METALLIC WASHERS	24 NOS.	
9.	SPRING WASHERS.	12 NOS.	


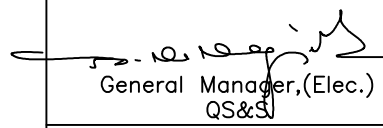
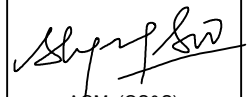
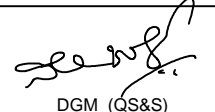
NOTES:-

1. ALL DIMENSIONS ARE IN mm ONLY.
2. BOX SHALL BE MADE OUT OF 2mm SHEET, DEGREE OF PROTECTION AS PER IP-53.
3. THE DOOR SHALL HAVE INTER LOCKING ARRANGEMENT WITH SPRING LOADED LATCH OPERATED BY A COMMON KEY FOR ALL THE BOXES.
4. ALL M.S. BOLTS & NUTS PLAIN & SPRING WASHERS SHALL BE GALVANISED BY HOT DIP OR ELECTRO PLATED PROCESS.
5. EARTHING MUST BE DISTINCTLY INDICATED BY METALLIC LABEL OR EMBOSSED.
6. CABLE ENTRIES AND OUTLETS ARE OF 50mm ϕ HOLES COVERED WITH 2mm THICK M.S. SHEET SQUARE PLATES.
7. RIGOROUS RUST PROOFING PROCESS (3 IN 1 TREATMENT), DEGREASING, DERUSTING AND PHOSPHATING SHALL BE CARRIED OUT ON THE METAL BEFORE AND AFTER FABRICATION OF THE BOX AND BEFORE SPRAY PAINTING.
8. THE DOORS SHALL BE OF SELF CLOSING TYPE WITH SPRING ARRANGEMENT.

MANUFACTURE'S NAME & ADDRESS

KVA TYPE
VOLTS P.ONO.
AMPS. S.NO.

TYPICAL NAME PLATE DETAILS

	Signatures	All dimensions are in mm unless otherwise stated.	 BESCOM Approved:  General Manager, (Elec.) QS&S
Chd	 AGM (QS&S)	DETAILS OF L.T DISTRIBUTION BOX SUITABLE FOR 100 KVA TRANSFORMERS USING MCCB	
Sub	 DGM (QS&S)		
		SCALE: N.T.S	DRG.NO.BESCOM/GM/QS&S/58 REV-002 DATED:24-11-2018