

INVENTORY NO.

SIGN. & DATE

REF. DRG. NO.

THE INFORMATION ON THIS DOCUMENT IS THE PROPERTY OF BHARAT HEAVY ELECTRICALS LIMITED.
IT MUST NOT BE USED DIRECTLY OR INDIRECTLY IN ANY WAY DETRIMENTAL TO THE INTEREST OF THE COMPANY.

FIRST ANGLE PROJECTION

(ALL DIMENSIONS ARE IN mm)

09/21 01 12/2 30N DRG

2345678

NOTE:-

1. SINGLE FRONT IP23 NON-DRAWOUT TYPE MCC/CONTROL PANEL. REFER SLD DRG NO. 37211012454.

2. 415V AC, 3-PH, 4 WIRE (WITH NEUTRAL PROVISION).

3. ALL FRAME MEMBERS OF MIN 2.5MM, DOORS & COVERS 2MM & PARTITIONS OF 1.6MM STEEL SHEET.

4. 500A COPPER MAIN TPN BUS (INDICATIVE FREE AIR RATING).

5. 400A COPPER TPN BUS FOR VERTICAL BUS SECTIONS.

6. 150A COPPER TP BUS FOR INCOMER BUS TAPPINGS FOR STARTERS 50HP/100HP

7. PANEL IS DIVIDED IN ONE SECTION.

8. MAIN BUS BRACED FOR 36KA ASYMMETRICAL FAULT.

9. ALL MCCB SHALL BE SUITABLE FOR 36KA BREAKING CAPACITY.

10. ALL STARTER HAVE INDICATION LAMP 'ON' & 'O/L'

11. NAME PLATES PROVIDED ON EACH BOX.

12. PANEL SHALL BE DESIGNED TO TAKE LOAD OF TOP CABLE TRAY AND CABLES AT TOP.

13. ALL INCOMING & OUTGOING CABLES ENTRY FROM TOP.

14. ALL MCCBS TO HAVE DIRECT ROTARY HANDLES MOUNTED ON MCCBS DIRECTLY.

15. MCCB MOUNTING ELEVATED PLATE SIZE SHOULD BE SUCH THAT THERE IS NO METAL PORTION BEHIND MCCB TERMINATIONS (TO AVOID FLASHOVERS).

16. ALL MCCB INCOMING TERMINATIONS SHOULD BE COVERED WITH INSULATION SHROUD FOR SAFETY.

17. ALL MCCB INCOMERS RATED ABOVE 20HP SHALL HAVE COPPER BUSBAR CONNECTIONS.
FOR 20HP & BELOW RATINGS FOLLOWING TO BE DONE FOR INCOMER CONNECTIONS :

17.1 MIN. 25 SQMM CU SINGLE CORE MULTISTRAND FLEXIBLE PVC INSULATED & SLEEVED CABLE CAN BE USED FOR FEEDERS INCOMING CONNECTIONS.

18. ALL MCB INCOMERS DIRECTLY FROM BUS SHALL HAVE INCOMER CONNECTIONS WITH MINIMUM 2.5SQMM PVC INSULATED CABLES.

FINISH:-

PANEL TO BE POWDER COATED TO SHD NO RAL7032
SIEMENS GREY COLOUR WITH 7 TANK OR BETTER PROCESS
(DRY FILM THICKNESS 60 MICRONS MINIMUM).

ADDITIONAL INFORMATION

STATUS OF DRAWING

DISTRIBUTION OF PRINTS
OFFICE COPY 1

उत्पाद का प्रकार या
ग्राहक/परियोजना का नाम
MUD SYSTEM TEST FACILITY MCC HOUSE
M/S BHEL HYDERABAD

भारत हेवी इलेक्ट्रिकल्स लिमिटेड
भोपाल
BHARAT HEAVY ELECTRICALS LTD.
BHOPAL

ड्रॉकर
RKR

जांचा
RV

स्वीकृत
RKA

नाम /NAME

हस्ता/SIGN.

दि./DATE

वै. की
संख्या
NO. OF
VAR.

विभाग
DEPT. CEE

उत्प. टोल. नाप की श्रेणी
UNTOL. DIMS. GR.

उत्पात
SCALE

भारत की ग. व.
WEIGHT (K.G.)

उत्प. कोड
REF. CG06503

उत्प. का संदर्भ
REF. TO ASSY.
17211013364

ड्राइंग का संदर्भ
DRGAWING NO.
3 721 10 13760

पृष्ठ की संख्या /
No. OF SHT / 02

कोड
CODE. 407

शीर्षक/TITLE
OGA OF MCC PANEL

REV. DATE ALTERED
CHECKED
APPROVED

REV. DATE ALTERED
CHECKED
APPROVED

REV. DATE ALTERED
CHECKED
APPROVED

ZONE

ZONE

ZONE