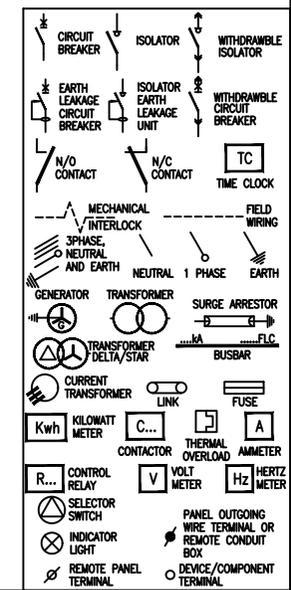


**NOTES**

- ① CLASS 1 SURGE ARRESTOR
  - 1) DROPPERS/TAILS TO BE RATED FOR FULL P<sub>L</sub> LET THROUGH.
  - 2) HARNESSED WIRING TO BE DERATED.
  - 3) TUFFNOL BRACES ARE NOT TO BE USED ABOVE 10kA.
  - 4) COPPER BUSBARS TO BE CONTINUOUS RATED.
  - 5) SUFFICIENT SPACE REQUIRED FOR SAFE ACCESS FOR REWIRING.
  - 6) EARTH AND NEUTRAL BARS TO BE EASILY ACCESSIBLE.
  - 7) ALL CIRCUIT BREAKERS TO BE FITTED WITH TERMINAL SHIELD ON LIVE AND LOAD SIDES.
  - 8) ENCLOSURE TO BE IP54.
  - 9) PHASING RWB, TOP TO BOTTOM, LEFT TO RIGHT, BACK TO FRONT.
  - 10) INTERNAL TEMP TO BE LIMITED TO 5° ABOVE AMBIANT, MAX 40°C.
  - 11) ALL CIRCUITS TO BE LABELED.
  - 12) 25% SPARE SPACE. SPARE SPACES ARE TO BE FITTED WITH COPPER BUSBAR TAILS CONNECTED TO DROPPER BUSBARS TO ALLOW INSTALLATION OF CIRCUIT BREAKERS WITH A MINIMAL SHUTDOWN PERIOD.
  - 13) DB TO BE FITTED WITH A4 LEGEND CARD HOLDER WITH STANDARD IBUYA A4 LEGEND CARD.
  - 14) EACH CIRCUIT TO BE LABELED WITH DETAILED DESCRIPTION OF CONNECTED DEVICE.
  - 15) EXTERNAL EARTH STUD MOUNTED ADJACENT CABLE ENTRY.
- INCOMING CABLE -TOP/BOTTOM  
 OUTGOING CIRCUITS -TOP/BOTTOM  
 COLOUR -ORANGE (N/E)  
 -RED (E)  
 MOUNTING -SURFACE  
 ACCESS -FRONT  
 PROTECTIVE DEVICES -SCHNEIDER  
 ACB's (1250A-4000A) -MASTERPACT NW  
 MCCB's(800A - 1000A) -COMPACT NS  
 MCCB's(60A-630A) -EASYPACT CSV  
 MCB's -MULTI 9, TYPE 2  
 CONTACTORS -AC3 HEAVY DUTY



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K.Singh	NG	22/08/24	PAPER SIZE: A3	KS	SAPS MSINSINI POLICE STATION
PROJECT No.	DRAWING No.	SHEET:	REV.	DRAWING TITLE:	DB - LG / LG-E Single Line Diagram
23044	407	2 of 2	0		
REV	DESCRIPTION	BY	DATE	CHKD.	File Name : Lyr:
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