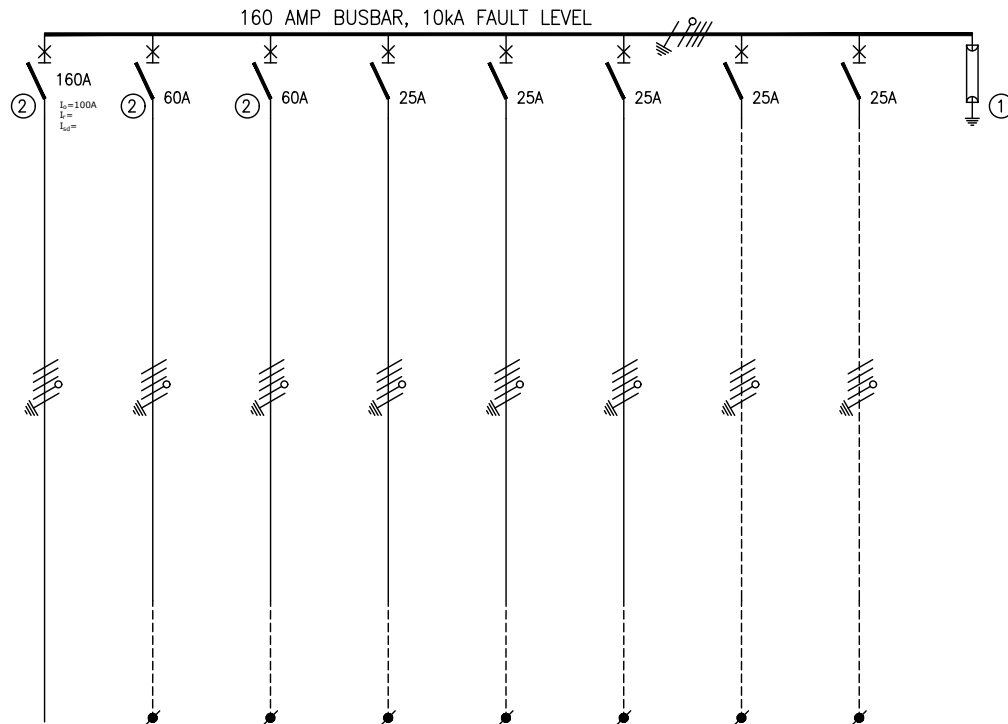




FIELD
CIRCUIT No.
PHASE

DESIGNATION

WIRING

LOAD (AMPS)
No. OF POINTS

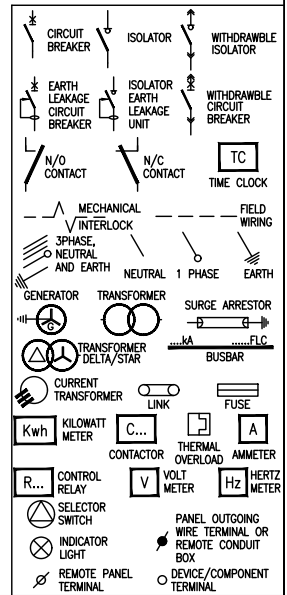
INCOMER	INVERTER No.1	INVERTER No.2	SPARE	SPARE	SPARE	SPARE	SPARE
50mm ² 4 CORE PVC SWA PVC ECC Cu CABLE	16mm ² 4 CORE PVC SWA PVC ECC Cu CABLE	16mm ² 4 CORE PVC SWA PVC ECC Cu CABLE					
82	42	42					
1	1	1					

NOTES

- 1) DROPPERS/TAILS TO BE RATED FOR FULL P1 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	-BOTTOM/TOP
COLOUR	-WHITE
MOUNTING	-SURFACE
ACCESS	-FRONT
PROTECTIVE DEVICES	-SCHNIEDER/CBI/ABB
MCCB'S(60A-630A)	-EASYPACT CSV
MCB'S	-MULTI 9, TYPE 2

- ① CLASS 2 SURGE ARRESTOR.
② BI-DIRECTIONAL CIRCUIT BREAKER



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					ENGINEER	DRAWN	DATE:	SCALE:	CHKD.
					SN	CP	07/08/23	nts PAPER SIZE: A3	
					PROJECT No.	DRAWING No.	SHEET:	REV.	
					23029	412	1 of 1	0	
0	Original Issue	NG	11/05/24	SN					
REV	DESCRIPTION	BY	DATE	CHKD.	File Name :	Lyr:			

TITLE	Ikageng Police Station
DRAWING TITLE:	Grid Tied Distribution Board Single Line Diagram



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