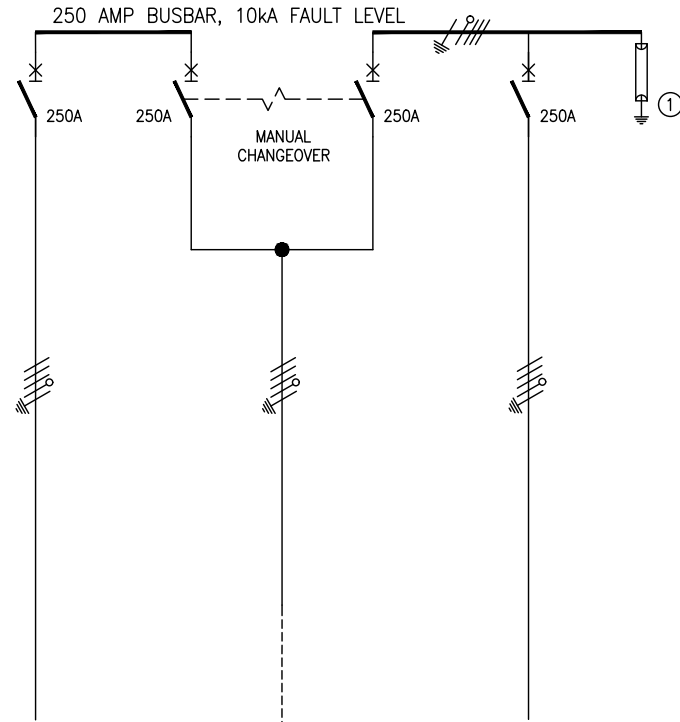




FIELD
CIRCUIT No.
PHASE

DESIGNATION

WIRING

LOAD (AMPS)
No. OF POINTS

INCOMER FROM MANUAL
CHANGEOVER No.1

50mm² 4 CORE
PVC SWA PVC
ECC CABLE

X
X



INVERTER LOAD DB

50mm² 4 CORE
PVC SWA PVC
ECC CABLE

XX
X

INVERTER OUTPUT DB

50mm² 4 CORE
PVC SWA PVC
ECC CABLE

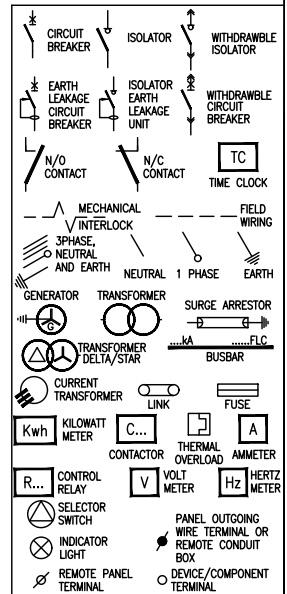
X
X

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
MCB's -MULTI 9, TYPE 2

① CLASS 2 SURGE ARRESTOR.



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				ENGINEER	DRAWN	DATE:	SCALE:	CHKD.
				SN	NG	3/05/24	nts PAPER SIZE: A3	
				PROJECT No.	DRAWING No.	SHEET:	REV.	
				23029	413	1 of 1	0	
0	Original Issue	NG	9/05/24	SN				
REV	DESCRIPTION	BY	DATE	CHKD.	File Name :	Lyr:		

TITLE
Ikageng Police Station
DRAWING TITLE:
Changeover Distribution Board Single Line Diagram



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