

FIELD

CIRCUIT No./PHASE

DESIGNATION

INCOMER

DB-MLV
2X95mm² 4CORE Cu PVC
SWA PVC ECC CABLE

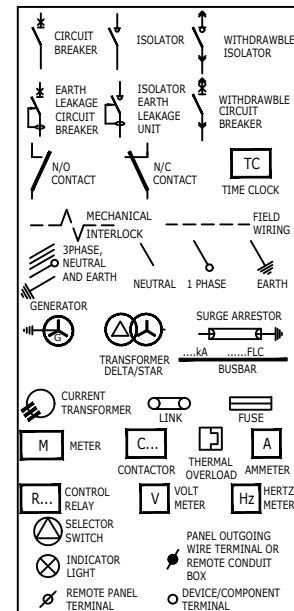
WIRING

LOAD (AMPS)
No. OF POINTS
CABLE No.**GENERAL NOTES:**

- A) DROPPERS/TAILS TO BE RATED FOR 10kV THROUGH
 B) HARNESSSED WIRING TO BE DERATED.
 C) TUFFNOL BRACES NOT TO BE USED ABOVE 10kA.
 D) COPPER BUSBARS TO BE CONTINUOUS RATED.
 E) ENCLOSURE TO BE IP65.
 F) PHASING R.W.B. TOP TO BOTTOM, LEFT TO RIGHT, BACK TO FRONT.
 G) INTERNAL TEMPERATURE TO BE LIMITED TO 5° ABOVE AMBIENT - MAX. 40°C.
 H) CABLE ENTRIES AND GENERAL ARRANGEMENT TO SUIT INSTALLATION CONSTRAINTS.

ADDITIONAL NOTES:

- ① ALL CIRCUIT BREAKERS, ISOLATORS AND EARTH LEAKAGE TO BE TYPE 2 CURVE AND EQUIPMENT TO BE M&G.
 ② EARTH LEAKAGE TO BE 20A CIRCUIT BREAKER WITH INTEGRAL 30mA.
 ③ FLOOR STANDING LOCKABLE KIOSK.
 ④ KIOSK COLOUR TO BE GREY
 ⑤ KIOSK TO BE BOTTOM ENTRY FOR CABLES.
 ⑥ BUSBAR TO BE SHROUDED
 ⑦ EARTH & NEUTRAL BAR TO BE EASY ACCESSIBLE.
 ⑧ SUFFICIENT SPACE REQUIRED FOR SAFE ACCESS FOR REWIRING.
 ⑨ ACCESS ZONE REQUIRED THROUGH SHROUD
 ⑩ ALL 3 PHASES AND SINGLE PHASE OUTGOING CIRCUIT BREAKERS TO BE LABELLED WITH DESCRIPTION OF SERVICES AND CIRCUIT Nos. AS PER DRAWING.
 ⑪ ELSTER A1140 ESKOM METER



					ENGINEER	DRAWN	DATE:	SCALE:	CHKD.
					S.Nzama	CG	Jul 19	n.t.s PAPER SIZE: A3	
					PROJECT No.	DRAWING No.	SHEET	REV.	
					23029	405	1 of 1	0	
REV	DESCRIPTION	BY	DATE	CHKD.	File Name :	0:1:A3			

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PROJECT:

IKAGENG
Police Station

DRAWING TITLE:

Metering Kiosk
DB-METERING KIOSK
Single Line Diagram

IBUYA Consulting Engineers
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