



NOTES:

1. LV FUSE SIZE APPLIES TO RESIDENTIAL RETICULATION ONLY. SINGLE CONSUMER/COMMERCIAL/INDUSTRIAL DEVELOPMENTS MAY USE A LARGER FUSE WHERE THE INDIVIDUAL DESIGN ALLOWS.
2. 250A FUSES (S.C. 11072) SHALL BE USED WITH 240sqmm LV CABLE CIRCUITS.
3. 200A FUSES (S.C. 9712) SHALL BE USED WITH LV CABLE SYSTEMS SMALLER THAN 240sqmm, I.E. 185sqmm.
4. IF DOWNSTREAM LV CABLE SIZES ARE UNKNOWN A 200A FUSE SHALL BE USED.
5. CARE SHALL BE TAKEN TO ENSURE ALL THREE PHASES ARE WELL BALANCED BEFORE COMMISSIONING.
6. WHERE MORE THAN ONE 240sqmm CABLE IS BEING FED FROM A SINGLE FUSE BASE, MINIMUM 315-400A FUSES ARE TO BE USED.
7. SINGLE CUSTOMER CONNECTIONS WITH A MAXIMUM DEMAND GREATER THAN 500A SHALL BE FED THROUGH AN MCCB.
8. DRIESCHER REPRESENTS BOTH MINEX AND MINEX-C UNITS.
9. NEW SINGLE PHASE PACKAGE SUB LV FUSES ARE OF 00 SIZES. OLDER SINGLE PHASE SUB DOES NOT REQUIRE FUSES.
10. REFER TO S02-4-2-11 FOR ALL HV AND LV FUSE STOCK CODES.
11. LARGER FUSE SIZES CAN BE USED TO ASSIST WITH FAULT FINDING AND SHORT TERM OVERLOADS. REFER TO ASSET MANAGEMENT AND SERVICE DELIVERY FOR ADVICE

MAJOR CENTRES: 11KV URD/LV FUSE				
TRF kVA	PACKAGE SUBSTATIONS			
	DRIESCHER		HOLEC MD4	
	H.V.	L.V. FUSE	H.V.	L.V. FUSE
300	40A	250A	40A	250A
500	63A	250A	63A	250A
750	80A	250A	80A	250A
1000	100A	USE CIRCUIT BREAKER		
"T" 1Ø OFF	125A	--	80A	--
"T" 3Ø OFF	125A	--	--	--

						DES	A.GREENWOOD	POWER STANDARD DRAWING		
						DRN	A.SCHMID	DESIGN DATA FUSE CHARTS - MAJOR CENTRES 11KV RMU/LV FUSE		
						CKD	A.GREENWOOD			
						APPD	B.T.KENT			
SCALE	N.T.S.	A3	DRAWING NUMBER	S02-4-2-01						
ISSUED	NOV'91			CAD PRODUCT - DO NOT AMEND MANUALLY						
ALL DIM.	IN mm			DRAFTING STANDARD TO A.S.1100						

NO	DESCRIPTION	DRN	DATE	CKD	APPD
4	FUSE REQUIREMENTS UPDATED	K.T.	MAY'16	I.B.	B.C.
3	MD4 "T" OFF 1ø CHANGED, DRIESCHER SWITCHGEAR ADDED	C.M.	NOV'13	B.C.	B.C.
2	TABLE AMENDED	J.C.	MAR'06	A.T.	S.C.
AMENDMENTS					