

DISTRIBUTION BOARD CONSTRUCTION & ELECTRICAL SPECIFICATION																			
RECESSED		WEATHER PROOF		MATERIAL THICKNESS	MATERIAL TYPE	FINISH	CABLE ENTRY	SEPARATED DIVISIONS	COLOUR- MAIN	WHITE	WIDTH (max)	1500	BUSBAR RATING -A	160	FRONT ACCESS	●			
HALF-RECESSED		DUST PROOF		1.2mm	ELECTRO GALVANISED	●	ETCH PRIME	TOP	●	NORMAL SECTION	COLOUR- NORMAL	-	HEIGHT (max)	2000	FAULT LEVEL -kA	10	REAR ACCESS		
SURFACE		HINGED PANELS	●	1.6mm	●	3CR12	BRUSHED	BOTTOM		EMERGENCY SECTION	●	COLOUR- EMERGENCY	RED	DEPTH (max)	600	NEUTRAL (full)	●	SUPPLY: SINGLE CORE	
FLOOR STANDING	●	SMOKED GLASS DOORS		2.0mm			EPOXY COATED	●	304 SS	GLAND PLATE	●	COLOUR- UPS1	BLUE	EQUIPMENT	ABB SCHNEIDER	EARTH BAR	●	SUPPLY: CABLE	●
DOOR (PER SECTION)		C/W NEOPRENE GASKETS				318 SS	STRUCTURED	●	BACK		UPS SECTION 2	COLOUR- UPS2	-	FUTURE EXPANSION	30%	EARTH STUD	●	SUPPLY: BUSBAR	

FOR TENDER

- REVISIONS -			
REV	DATE	DESCRIPTION	SIGN
TD	2024-12-11	ISSUED FOR TENDER	R.M
TD1	2025-02-10	REVISED AS PER COMMENTS	R.M
TD2	2025-02-26	REVISED AS PER COMMENTS	R.M
TD3	2025-03-14	REVISED AS PER COMMENTS	R.M

- LEGEND -			
	TRANSFORMER		
	GENERATOR		
	SELECTOR SWITCH		
	AMMETER		
	VOLTMETER		
	INDICATOR LIGHT		
	FUSE		
	METER + CURRENT TRANSFORMERS (REQUIRES FUSES)		
	DIRECT ONLINE METER		
	SURGE ARRESTOR		
	XVA TYPE SINGLE PHASE CIRCUIT BREAKER		
	XVA TYPE SINGLE PHASE CIRCUIT BREAKER (D-CURVE)		
	XVA TYPE DOUBLE POLE CIRCUIT BREAKER		
	XVA TYPE DOUBLE POLE CIRCUIT BREAKER (D-CURVE)		
	XVA TYPE THREE PHASE CIRCUIT BREAKER		
	XVA TYPE THREE PHASE CIRCUIT BREAKER (D-CURVE)		
	XVA TYPE SINGLE PHASE ISOLATOR		
	XVA TYPE DOUBLE POLE ISOLATOR		
	XVA TYPE THREE PHASE ISOLATOR		
	ISOLATOR EARTH LEAKAGE		
	EARTH LEAKAGE WITH OVERLOAD PROTECTION		
	CONTACTOR		
	RELAY		
	NORMALLY OPEN CONTACT		
	NORMALLY CLOSED CONTACT		
	PUSH BUTTON		
	THERMOSTAT		
	24hr / 7DAY PROGRAMMABLE TIMER		

CLAASSEN AURET (PTY) LTD.
CONSULTING ENGINEERS

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ORMONDE
2091
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1 HAWSTON ROAD
MILNERTON
7441
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FOR TENDER

- PROJECT -

SANSA

APPROVED: F.L

CREATED: 2025-03-14

CHECKED: F.L

PLOT DATE: 2023-04-18

DESIGNED: F.L

SCALE: NTS

DRAWN: S.P

FILE:

- DRAWING DESCRIPTION -

SDB-1
(OPERATIONS BUILDING LOCAL DB)
SINGLE LINE DIAGRAM

- DRAWING NUMBER -

PROJECT #

COMPANY

DISCIPLINE & TYPE

SUB DISCIPLINE & NUMBER

SMPN-CAI-EE-DR-005_03

REV TD3

