

RECESSED		WEATHER PROOF		MATERIAL THICKNESS	MATERIAL TYPE	FINISH	CABLE ENTRY	SEPARATED DIVISIONS	COLOUR- MAIN	WHITE	WIDTH (max)	1000	BUSBAR RATING -A	80A	FRONT ACCESS	●			
HALF-RECESSED		DUST PROOF		1.2mm	ELECTRO GALVANISED	●	ETCH PRIME	TOP	●	NORMAL SECTION	COLOUR- NORMAL	HEIGHT (max)	1000	FAULT LEVEL -kA	10	REAR ACCESS			
SURFACE	●	HINGED PANELS		1.6mm	3CR12		BRUSHED	BOTTOM	●	EMERGENCY SECTION	●	COLOUR- EMERGENCY	RED	DEPTH (max)	200	NEUTRAL (full)	●	SUPPLY: SINGLE CORE	
FLOOR STANDING		SMOKED GLASS DOORS		2.0mm	304 SS		EPOXY COATED	GLAND PLATE	●	UPS SECTION 1	●	COLOUR- UPS1	BLUE	EQUIPMENT	ABS 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
A	2024-11-08	ISSUED FOR INFORMATION	R.M
TD	2024-12-11	ISSUED FOR TENDER	R.M
TD1	2025-02-10	REVISED AS PER COMMENTS	R.M
TD2	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 ARRESTER
	SINGLE PHASE CIRCUIT BREAKER (xLA TYPE SP)
	SINGLE PHASE CIRCUIT BREAKER (I-CURVE)
	DOUBLE POLE CIRCUIT BREAKER (xLA TYPE DP)
	DOUBLE POLE CIRCUIT BREAKER (I-CURVE)
	THREE PHASE CIRCUIT BREAKER (xLA TYPE)
	THREE PHASE CIRCUIT BREAKER (I-CURVE)
	SINGLE PHASE ISOLATOR (xLA ISO SP)
	DOUBLE POLE ISOLATOR (xLA ISO DP)
	THREE PHASE ISOLATOR (xLA ISO TP)
	ISOLATOR EARTH LEAKAGE (x63A ISO DP) 30mA
	EARTH LEAKAGE WITH OVERLOAD PROTECTION (x63A MCB DP) 30mA
	CONTACTOR (xLA C)
	RELAY (xLA R)
	NORMALLY OPEN CONTACT
	NORMALLY CLOSED CONTACT
	PUSH BUTTON
	THERMOSTAT
	24hr / 7DAY PROGRAMMABLE TIMER (T.S.)

FOR TENDER

- PROJECT -

SANSA



The logo for the South African National Space Agency (SANSA) features a stylized blue 'S' with a white swoosh, followed by the word 'sansa' in a bold, lowercase sans-serif font. Below this, the text 'SOUTH AFRICAN NATIONAL SPACE AGENCY' is written in a smaller, uppercase sans-serif font.

APPROVED:	F.L	CREATED:	2025-03-14
CHECKED:	F.L	PLOT DATE:	2023-04-18
DESIGNED:	F.L	SCALE:	NTS
DRAWN:	S.P	FILE:	C:\USERS\BARRY.ALEXANDER\BUREAU KICKS DRAWINGS - DOCUMENTS\27-002 - CIVIL\FORMS\BUREAU KICKS\27-002\BUREAU KICKS - 07.08.2019.dwg

- DRAWING DESCRIPTION -	
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<h2 style="margin: 0;">NASA DB-UPS-A</h2> <h2 style="margin: 0;">SINGLE LINE DIAGRAM</h2>			
<h3 style="margin: 0;">- DRAWING NUMBER -</h3>			
PROJECT #	COMPANY	DISCIPLINE & TYPE	SUB DISCIPLINE & NUMBER
<span style="font-size: 24pt; font-weight: bold;">SMFN-CAI-EE-DR-005_07</span>			
			<div style="border: 2px solid black; border-radius: 50%; width: 60px; height: 60px; display: flex; align-items: center; justify-content: center; margin: 0 auto;"> <span style="font-size: 24pt; font-weight: bold;">REV: TD2</span> </div>

[illegible]