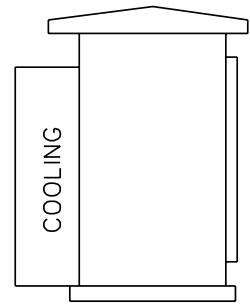
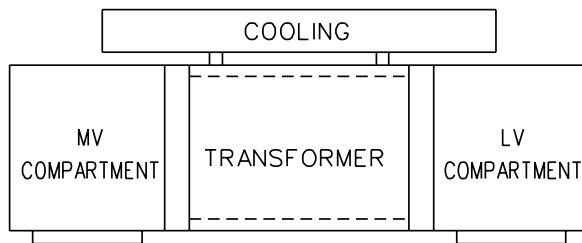



FRONT VIEW



END VIEW




PLAN VIEW WITH ROOF REMOVED


ITEM		:- MINI SUB,22kV/420V TYPE A						
MATERIAL SPECIFICATION		:-						
CORROSION SPECIFICATION		:- DSP 34-1658						
STANDARD SPECIFICATION		:- NRS 004, SANS 1029						
ESKOM SPECIFICATION		:- DSP 34-1621						
TEST & CERTIFICATION REQUIREMENTS :-								
INSPECTION		Yes	No	ESKOM RELEASE NOTE			Yes	No
IDENTIFICATION:- INDELIBLE MANUFACTURES TRADEMARK & PART No. ON ALL ITEMS								
10	SPECIFICATIONS, NOMINAL VOLTAGES AND TAP SWITCHS CHANGED			P.A.T.	B.MWAREHWA	R.KELLY	16.08.2010	
9	SHORT DESCRIPTIONS CORRECTED			N.M.	P.A. TRUBLET	P.A. TRUBLE T	09.02.09	
8	DRAWING UPDATED AND SPECIFICATIONS CHANGED			P.A.V.	R.KELLY	R.KELL Y	03.08.06	
7	STANDARD SPECIFICATIONS CHANGED			P.A.V.	R.KELLY	R.KELL Y	17.02.06	
REV	REVISION DESCRIPTION			BY	CHKD	AUTH	DATE	REF. DWGS
AUTH:	P. CROWDY	DATE:	05.02.1998	SCALE NTS			SAP No:	
CHKD:	D. PILLAY	DATE:	05.02.1998	CAD REF:				
				SERIES 8000				
DRAWN:	P. A. VERMAAK	DATE:	13.11.1997	FILE No:		D-DT-8053	SET	SHEET
				8053			6	1

SPEC SHEET

SAP MATERIAL No.:		0170869	
SHORT DESCRIPTION:		M/SUB 200kVA 22kV/420V A FH INLD D8053	
TECH. DESCRIPTION:			
MINI SUBSTATION * RATED : 200kVA * NOMINAL VOLTAGE : 22kV/420V * TAP SWITCH : ± 5% * TYPE A * LV PANEL SUITABLE FOR FITTING OF VERTICAL FUSE HOLDERS (SEE D-DT-3409) * INLAND APPLICATION * FITTED WITH TRANSFORMER * ESKOM DRAWING No. D-DT-8053			
SAP MATERIAL No.:		0170752	
SHORT DESCRIPTION:		M/SUB 200kVA 22kV/420V A FH CSTL D8053	
TECH. DESCRIPTION:			
MINI SUBSTATION * RATED : 200kVA * NOMINAL VOLTAGE : 22kV/420V * TAP SWITCH : ± 5% * TYPE A * LV PANEL SUITABLE FOR FITTING OF VERTICAL FUSE HOLDERS (SEE D-DT-3409) * COASTAL APPLICATION * FITTED WITH TRANSFORMER * ESKOM DRAWING No. D-DT-8053			
SAP MATERIAL No.:		0170870	
SHORT DESCRIPTION:		M/SUB 315kVA 22kV/420V A FH INLD D8053	
TECH. DESCRIPTION:			
MINI SUBSTATION * RATED : 315kVA * NOMINAL VOLTAGE : 22kV/420V * TAP SWITCH : ± 5% * TYPE A * LV PANEL SUITABLE FOR FITTING OF VERTICAL FUSE HOLDERS (D-DT-3409) * INLAND APPLICATION * FITTED WITH TRANSFORMER * ESKOM DRAWING No. D-DT-8053			
SAP MATERIAL No.:		0170753	
SHORT DESCRIPTION:		M/SUB 315kVA 22kV/420V A FH CSTL D8053	
TECH. DESCRIPTION:			
MINI SUBSTATION * RATED : 315kVA * NOMINAL VOLTAGE : 22kV/420V * TAP SWITCH : ± 5% * TYPE A * LV PANEL SUITABLE FOR FITTING OF VERTICAL FUSE HOLDERS (SEE D-DT-3409) * COASTAL APPLICATION * FITTED WITH TRANSFORMER * ESKOM DRAWING No. D-DT-8053			

10	SPECIFICATIONS, NOMINAL VOLTAGES AND TAP SWITCHS CHANGED		P.A.T.	B.MWAREHWA	R.KELLY	16.08.2010	
9	SHORT DESCRIPTIONS CORRECTED		N.M.	P.A. TRUBLET	P.A. TRUBLET	09.02.09	
8	DRAWING UPDATED AND SPECIFICATIONS CHANGED		P.A.V.	R.KELLY	R.KELLY	03.08.06	
7	STANDARD SPECIFICATIONS CHANGED		P.A.V.	R.KELLY	R.KELLY	17.02.06	
REV	REVISION DESCRIPTION		BY	CHKD	AUTH	DATE	REF. DWGS
AUTH:	P. CROWDY	DATE:	05.02.1998	 D-DT-8053		SAP No:	
CHKD:	D. PILLAY	DATE:	05.02.1998			0170869	
DRAWN:	P. A. VERMAAK	DATE:	13.11.1997			0170752	
						0170870	
				SET		SHEET	REV
				6		2	10

SPEC SHEET

SAP MATERIAL No.:		0170871						
SHORT DESCRIPTION:		M/SUB 500kVA 22kV/420V A FH INLD D8053						
TECH. DESCRIPTION:								
MINI SUBSTATION * RATED : 500kVA * NOMINAL VOLTAGE : 22kV/420V * TAP SWITCH : ± 5% * TYPE A * LV PANEL SUITABLE FOR FITTING OF VERTICAL FUSE HOLDERS (SEE D-DT-3409) * INLAND APPLICATION * FITTED WITH TRANSFORMER * ESKOM DRAWING No. D-DT-8053								
SAP MATERIAL No.:		0170750						
SHORT DESCRIPTION:		M/SUB 500kVA 22kV/420V A FH CSTL D8053						
TECH. DESCRIPTION:								
MINI SUBSTATION * RATED : 500kVA * NOMINAL VOLTAGE : 22kV/420V * TAP SWITCH : ± 5% * TYPE A * LV PANEL SUITABLE FOR FITTING OF VERTICAL FUSE HOLDERS (SEE D-DT-3409) * COASTAL APPLICATION * FITTED WITH TRANSFORMER * ESKOM DRAWING No. D-DT-8053								
SAP MATERIAL No.:		0182432						
SHORT DESCRIPTION:		M/SUB 200kVA 22kV/420V A CB INLD D8053						
TECH. DESCRIPTION:								
MINI SUBSTATION * RATED : 200kVA * NOMINAL VOLTAGE : 22kV/420V * TAP SWITCH : ± 5% * TYPE A * LV PANEL SUITABLE FOR FITTING OF LARGE FRAME MCCB'S (SEE D-DT-3034) * INLAND APPLICATION * FITTED WITH TRANSFORMER * ESKOM DRAWING No. D-DT-8053								
SAP MATERIAL No.:		0182433						
SHORT DESCRIPTION:		M/SUB 200kVA 22kV/420V A CB CSTL D8053						
TECH. DESCRIPTION:								
MINI SUBSTATION * RATED : 200kVA * NOMINAL VOLTAGE : 22kV/420V * TAP SWITCH : ± 5% * TYPE A * LV PANEL SUITABLE FOR FITTING OF LARGE FRAME MCCB'S (SEE D-DT-3034) * COASTAL APPLICATION * FITTED WITH TRANSFORMER * ESKOM DRAWING No. D-DT-8053								
10	SPECIFICATIONS, NOMINAL VOLTAGES AND TAP SWITCHS CHANGED			P.A.T.	B.MWAREHWA	R.KELLY	16.08.2010	
9	SHORT DESCRIPTIONS CORRECTED			N.M.	P.A. TRUBLET	P.A. TRUBLET	09.02.09	
8	DRAWING UPDATED AND SPECIFICATIONS CHANGED			P.A.V.	R.KELLY	R.KELLY	03.08.06	
7	STANDARD SPECIFICATIONS CHANGED			P.A.V.	R.KELLY	R.KELLY	17.02.06	
REV	REVISION DESCRIPTION			BY	CHKD	AUTH	DATE	REF. DWGS
AUTH:	P. CROWDY	DATE:	05.02.1998	SCALE NTS		<div><div>D-DT-8053</div></div>		
CHKD:	D. PILLAY	DATE:	05.02.1998	CAD REF:				
				SERIES 8000				
DRAWN:	P. A. VERMAAK	DATE:	13.11.1997	FILE No:				
				8053				
						SAP No:		
						0170871		0182432
						0170750		0182433
						SET	SHEET	REV
						6	3	10

SPEC SHEET


SAP MATERIAL No.:		0182434					
SHORT DESCRIPTION:		M/SUB 315kVA 22kV/420V A CB INLD D8053					
TECH. DESCRIPTION:							
MINI SUBSTATION * RATED : 315kVA * NOMINAL VOLTAGE : 22kV/420V *							
TAP SWITCH : ± 5% * TYPE A * LV PANEL SUITABLE FOR FITTING OF							
LARGE FRAME MCCB'S (D-DT-3034) * INLAND APPLICATION *							
FITTED WITH TRANSFORMER *							
ESKOM DRAWING No. D-DT-8053							

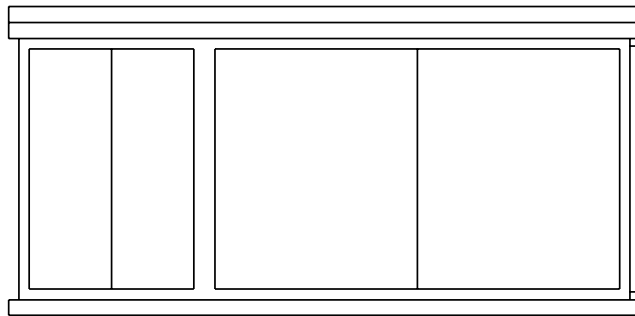
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SHORT DESCRIPTION:		M/SUB 315kVA 22kV/420V A CB CSTL D8053					
TECH. DESCRIPTION:							
MINI SUBSTATION * RATED : 315kVA * NOMINAL VOLTAGE : 22kV/420V *							
TAP SWITCH : ± 5% * TYPE A * LV PANEL SUITABLE FOR FITTING OF							
LARGE FRAME MCCB'S (SEE D-DT-3034) * COASTAL APPLICATION *							
FITTED WITH TRANSFORMER *							
ESKOM DRAWING No. D-DT-8053							

SAP MATERIAL No.:		0182436					
SHORT DESCRIPTION:		M/SUB 500kVA 22kV/420V A CB INLD D8053					
TECH. DESCRIPTION:							
MINI SUBSTATION * RATED : 500kVA * NOMINAL VOLTAGE : 22kV/420V *							
TAP SWITCH : ± 5% * TYPE A * LV PANEL SUITABLE FOR FITTING OF							
LARGE FRAME MCCB'S (SEE D-DT-3034) * INLAND APPLICATION *							
FITTED WITH TRANSFORMER *							
ESKOM DRAWING No. D-DT-8053							

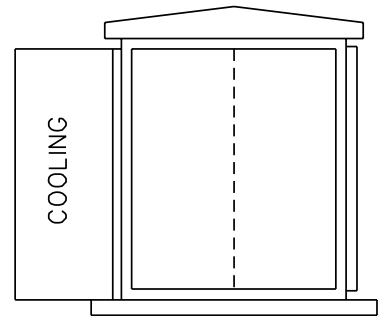
SAP MATERIAL No.:		0182437					
SHORT DESCRIPTION:		M/SUB 500kVA 22kV/420V A CB CSTL D8053					
TECH. DESCRIPTION:							
MINI SUBSTATION * RATED : 500kVA * NOMINAL VOLTAGE : 22kV/420V *							
TAP SWITCH : ± 5% * TYPE A * LV PANEL SUITABLE FOR FITTING OF							
LARGE FRAME MCCB'S (SEE D-DT-3034) * COASTAL APPLICATION *							
FITTED WITH TRANSFORMER *							
ESKOM DRAWING No. D-DT-8053							

10	SPECIFICATIONS, NOMINAL VOLTAGES AND TAP SWITCHS CHANGED		P.A.T.	B.MWAREHWA	R.KELLY	16.08.2010	
9	SHORT DESCRIPTIONS CORRECTED		N.M.	P.A. TRUBLET	P.A. TRUBLET	09.02.09	
8	DRAWING UPDATED AND SPECIFICATIONS CHANGED		P.A.V.	R.KELLY	R.KELLY	03.08.06	
7	STANDARD SPECIFICATIONS CHANGED		P.A.V.	R.KELLY	R.KELLY	17.02.06	
REV	REVISION DESCRIPTION		BY	CHKD	AUTH	DATE	REF. DWGS

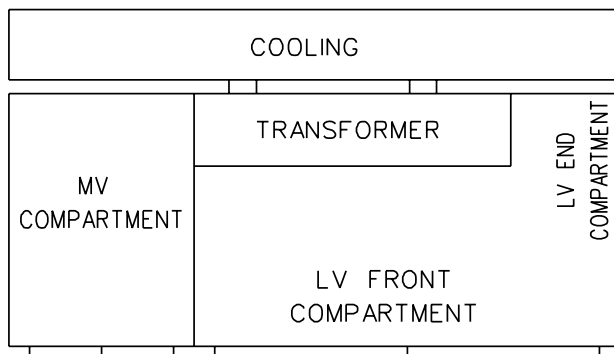
AUTH:	P. CROWDY	DATE:	05.02.1998	SCALE NTS		SAP No:		
CHKD:	D. PILLAY	DATE:	05.02.1998	CAD REF:		0182434		0182436
				SERIES 8000		0182435		0182437
DRAWN:	P. A. VERMAAK	DATE:	13.11.1997	FILE No: 8053	D-DT-8053	SET	SHEET	REV
						6	4	10




FRONT VIEW



END VIEW




PLAN VIEW WITH ROOF REMOVED

ITEM		:- MINI SUB,22kV/420V TYPE A							
MATERIAL SPECIFICATION		:-							
CORROSION SPECIFICATION		:- DSP 34-1658							
STANDARD SPECIFICATION		:- NRS 004, SANS 1029							
ESKOM SPECIFICATION		:- DSP 34-1621							
TEST & CERTIFICATION REQUIREMENTS :-									
INSPECTION		Yes	No	ESKOM RELEASE NOTE			Yes	No	
IDENTIFICATION:- INDELIBLE MANUFACTURES TRADEMARK & PART No. ON ALL ITEMS									
10	SPECIFICATIONS, NOMINAL VOLTAGES AND TAP SWITCHS CHANGED			P.A.T.	B.MWAREHWA	R.KELLY	16.08.2010		
9	SHORT DESCRIPTIONS CORRECTED			N.M.	P.A. TRUBLET	P.A. TRUBLE T	09.02.09		
8	DRAWING UPDATED AND SPECIFICATIONS CHANGED			P.A.V.	R.KELLY	R.KELL Y	03.08.06		
7	STANDARD SPECIFICATIONS CHANGED			P.A.V.	R.KELLY	R.KELL Y	17.02.06		
REV	REVISION DESCRIPTION			BY	CHKD	AUTH	DATE	REF. DWGS	
AUTH:	P. CROWDY	DATE:	05.02.1998	SCALE NTS			SAP No:		
CHKD:	D. PILLAY	DATE:	05.02.1998	CAD REF:					
				SERIES 8000					
DRAWN:	P. A. VERMAAK	DATE:	13.11.1997	FILE No: 8053	D-DT-8053		SET	SHEET	REV
							6	5	10

SPEC SHEET

SAP MATERIAL No.:		0182431	
SHORT DESCRIPTION:		M/SUB 1000kVA 22kV/420V A FH INLD D8053	
TECH. DESCRIPTION:			
MINI SUBSTATION * RATED : 1000kVA * NOMINAL VOLTAGE : 22kV/420V * TAP SWITCH : ± 5% * TYPE A * LV COMPARTMENT CONSISTS OF : ESKOM PANEL, METERING AND CONTROL PANEL AND CUSTOMER PANEL SUITABLE FOR FITTING OF VERTICAL FUSE HOLDERS (SEE D-DT-3409)* INLAND APPLICATION * FITTED WITH TRANSFORMER AND MV CABLE JUNCTION BOX (SEE D-DT-0853) * ESKOM DRAWING No. D-DT-8053 *			
SAP MATERIAL No.:		0170754	
SHORT DESCRIPTION:		M/SUB 1000kVA 22kV/420V A FH CSTL D8053	
TECH. DESCRIPTION:			
MINI SUBSTATION * RATED : 1000kVA * NOMINAL VOLTAGE : 22kV/420V * TAP SWITCH : ± 5% * TYPE A * LV COMPARTMENT CONSISTS OF : ESKOM PANEL, METERING AND CONTROL PANEL AND CUSTOMER PANEL SUITABLE FOR FITTING OF VERTICAL FUSE HOLDERS (SEE D-DT-3409)* COASTAL APPLICATION * FITTED WITH TRANSFORMER AND MV CABLE JUNCTION BOX (SEE D-DT-0853) * ESKOM DRAWING No. D-DT-8053 *			
SAP MATERIAL No.:		0182438	
SHORT DESCRIPTION:		M/SUB 1000kVA 22kV/420V A CB INLD D8053	
TECH. DESCRIPTION:			
MINI SUBSTATION * RATED : 1000kVA * NOMINAL VOLTAGE : 22kV/420V * TAP SWITCH : ± 5% * TYPE A * LV COMPARTMENT CONSISTS OF : ESKOM PANEL, METERING AND CONTROL PANEL AND CUSTOMER PANEL SUITABLE FOR FITTING OF LARGE FRAME MCCB'S (SEE D-DT-3034) * INLAND APPLICATION * FITTED WITH TRANSFORMER AND MV CABLE JUNCTION BOX (SEE D-DT-0853) * ESKOM DRAWING No. D-DT-8053 *			
SAP MATERIAL No.:		0182439	
SHORT DESCRIPTION:		M/SUB 1000kVA 22kV/420V A CB CSTL D8053	
TECH. DESCRIPTION:			
MINI SUBSTATION * RATED : 1000kVA * NOMINAL VOLTAGE : 22kV/420V * TAP SWITCH : ± 5% * TYPE A * LV COMPARTMENT CONSISTS OF : ESKOM PANEL, METERING AND CONTROL PANEL AND CUSTOMER PANEL SUITABLE FOR FITTING OF LARGE FRAME MCCB'S (SEE D-DT-3034) * COASTAL APPLICATION * FITTED WITH TRANSFORMER AND MV CABLE JUNCTION BOX (D-DT-0853) * ESKOM DRAWING No. D-DT-8053 *			

10	SPECIFICATIONS, NOMINAL VOLTAGES AND TAP SWITCHS CHANGED		P.A.T.	B.MWAREHWA	R.KELLY	16.08.2010		
9	SHORT DESCRIPTIONS CORRECTED		N.M.	P.A. TRUBLET	P.A. TRUBLE T	09.02.09		
8	DRAWING UPDATED AND SPECIFICATIONS CHANGED		P.A.V.	R.KELLY	R.KELL Y	03.08.06		
7	STANDARD SPECIFICATIONS CHANGED		P.A.V.	R.KELLY	R.KELL Y	17.02.06		
REV	REVISION DESCRIPTION		BY	CHKD	AUTH	DATE	REF. DWGS	
AUTH:	P. CROWDY	DATE:	05.02.1998			SAP No:		
CHKD:	D. PILLAY	DATE:	05.02.1998			0182431	0182438	
						0170754	0182439	
DRAWN:	P. A. VERMAAK	DATE:	13.11.1997	D-DT-8053		SET	SHEET	REV
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