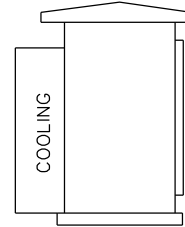
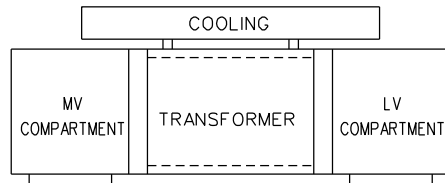



FRONT VIEW



END VIEW




PLAN VIEW WITH ROOF REMOVED

ITEM		:- MINI SUB,11kV/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									
11	RATINGS CORRECTED ON 0170755 AND 0182423			P.A.T.	B. MWAREHWA	T.Du PLESSIS	13.03.13		
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		
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:					
DRAWN:	P.A. VERMAAK	DATE:	13.11.1997	SERIES 8000	D-DT-8052		SET	SHEET	REV
				FILE No:			6	1	11
				8050					

SPEC SHEET

SAP MATERIAL No.:		0170874					
SHORT DESCRIPTION:		M/SUB 200kVA 11kV/420V A FH INLD D8052					
TECH. DESCRIPTION							
MINI SUBSTATION * RATED : 200kVA * NOMINAL VOLTAGE : 11kV/420V * TAP SWITCH : ± 5% * TYPE A * LV 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-8052 *							
SAP MATERIAL No.:		0171013					
SHORT DESCRIPTION:		M/SUB 200kVA 11kV/420V A FH CSTL D8052					
TECH. DESCRIPTION							
MINI SUBSTATION * RATED : 200kVA * NOMINAL VOLTAGE : 11kV/420V * TAP SWITCH : ± 5% * TYPE A * LV 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-8052 *							
SAP MATERIAL No.:		0170875					
SHORT DESCRIPTION:		M/SUB 315kVA 11kV/420V A FH INLD D8052					
TECH. DESCRIPTION							
MINI SUBSTATION * RATED : 315kVA * NOMINAL VOLTAGE : 11kV/420V * TAP SWITCH : ± 5% * TYPE A * LV 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-8052 *							
SAP MATERIAL No.:		0170603					
SHORT DESCRIPTION:		M/SUB 315kVA 11kV/420V A FH CSTL D8052					
TECH. DESCRIPTION							
MINI SUBSTATION * RATED : 315kVA * NOMINAL VOLTAGE : 11kV/420V * TAP SWITCH : ± 5% * TYPE A * LV 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-8052 *							


11	RATINGS CORRECTED ON 0170755 AND 0182423			P.A.T.	B. MWAREHWA	T.Du PLESSIS	13.03.13		
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		
REV	REVISION DESCRIPTION			BY	CHKD	AUTH	DATE	REF. DWGS	
AUTH:	P. CROWDY	DATE:	05.02.1998	 D-DT-8052			SAP No:		
CHKD:	D. PILLAY	DATE:	05.02.1998				0170874		0170875
							0171013		0170603
DRAWN:	P.A. VERMAAK	DATE:	13.11.1997				6		2

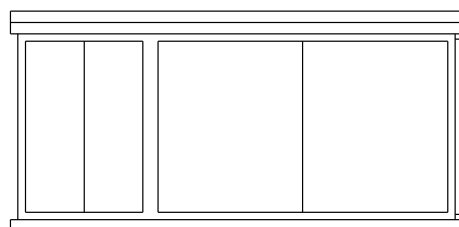
SPEC SHEET

SAP MATERIAL No.:		0170876						
SHORT DESCRIPTION:		M/SUB 500kVA 11kV/420V A FH INLD D8052						
TECH. DESCRIPTION								
MINI SUBSTATION * RATED : 500kVA * NOMINAL VOLTAGE : 11kV/420V * TAP SWITCH : ± 5% * TYPE A * LV 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-8052 *								
SAP MATERIAL No.:		0170755						
SHORT DESCRIPTION:		M/SUB 500kVA 11kV/420V A FH CSTL D8052						
TECH. DESCRIPTION								
MINI SUBSTATION * RATED : 500kVA * NOMINAL VOLTAGE : 11kV/420V * TAP SWITCH : ± 5% * TYPE A * LV 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-8052 *								
SAP MATERIAL No.:		0182423						
SHORT DESCRIPTION:		M/SUB 200kVA 11kV/420V A CB INLD D8052						
TECH. DESCRIPTION								
MINI SUBSTATION * RATED : 200kVA * NOMINAL VOLTAGE : 11kV/420V * TAP SWITCH : ± 5% * TYPE A * LV 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-8052 *								
SAP MATERIAL No.:		0182424						
SHORT DESCRIPTION:		M/SUB 200kVA 11kV/420V A CB CSTL D8052						
TECH. DESCRIPTION								
MINI SUBSTATION * RATED : 200kVA * NOMINAL VOLTAGE : 11kV/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 AND MV CABLE JUNCTION BOX (SEE D-DT-0853) * ESKOM DRAWING No. D-DT-8052 *								
11	RATINGS CORRECTED ON 0170755 AND 0182423			P.A.T.	B. MWAREHWA	T.Du PLESSIS	13.03.13	
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	
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:		0170876 0182423		
				SERIES 8000		0170755 0182424		
DRAWN:	P.A. VERMAAK	DATE:	13.11.1997	FILE No: 8050		SET SHEET REV		
D-DT-8052						6	3	11

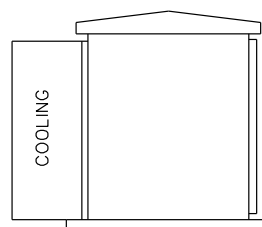
SPEC SHEET

SAP MATERIAL No.:		0182425					
SHORT DESCRIPTION:		M/SUB 315kVA 11kV/420V A CB INLD D8052					
TECH. DESCRIPTION							
MINI SUBSTATION * RATED : 315kVA * NOMINAL VOLTAGE : 11kV/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 AND MV CABLE JUNCTION BOX (SEE D-DT-0853) ESKOM DRAWING No. D-DT-8052 *							
SAP MATERIAL No.:		0182426					
SHORT DESCRIPTION:		M/SUB 315kVA 11kV/420V A CB CSTL D8052					
TECH. DESCRIPTION							
MINI SUBSTATION * RATED : 315kVA * NOMINAL VOLTAGE : 11kV/420V * TAP SWITCH : ± 5% * TYPE A * LV PANEL SUITABLE FOR FITTING OF LARGE FRAME MCCB'S (SEE D-DT-3409) * COASTAL APPLICATION * FITTED WITH TRANSFORMER AND MV CABLE JUNCTION BOX (SEE D-DT-0853) * ESKOM DRAWING No. D-DT-8052 *							
SAP MATERIAL No.:		0182427					
SHORT DESCRIPTION:		M/SUB 500kVA 11kV/420V A CB INLD D8052					
TECH. DESCRIPTION							
MINI SUBSTATION * RATED : 500kVA * NOMINAL VOLTAGE : 11kV/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 AND MV CABLE JUNCTION BOX (SEE D-DT-0853) * ESKOM DRAWING No. D-DT-8052 *							
SAP MATERIAL No.:		0182428					
SHORT DESCRIPTION:		M/SUB 500kVA 11kV/420V A CB CSTL D8052					
TECH. DESCRIPTION							
MINI SUBSTATION * RATED : 500kVA * NOMINAL VOLTAGE : 11kV/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 AND MV CABLE JUNCTION BOX (SEE D-DT-0853) * ESKOM DRAWING No. D-DT-8052 *							

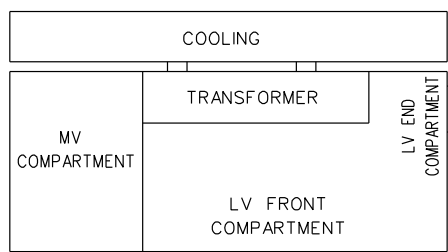
11	RATINGS CORRECTED ON 0170755 AND 0182423			P.A.T.	B. MWAREHWA	T.Du PLESSIS	13.03.13		
10	SPECIFICATIONS, NOMINAL VOLTAGES AND TAP SWITCHS CHANGED			P.A.T.	B. MWAREHWA	R.KELLY	16.08.2010		
9	SHORT DESCRIPTIONS CORRECTED			N.M.	P.A. TRUBLET	P.A. TRUBLET	09.02.09		
REV	REVISION DESCRIPTION			BY	CHKD	AUTH	DATE	REF. DWGS	
AUTH:	P. CROWDY	DATE:	05.02.1998	 D-DT-8052			SAP No:		
CHKD:	D. PILLAY	DATE:	05.02.1998				0182425		0182427
							0182426		0182428
DRAWN:	P.A. VERMAAK	DATE:	13.11.1997	6		4	11		




FRONT VIEW




END VIEW



PLAN VIEW WITH ROOF REMOVED

ITEM		:- MINI SUB,11kV/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										
11	RATINGS CORRECTED ON 0170755 AND 0182423			P.A.T.	B. MWAREHWA	T.Du PLESSIS	13.03.13			
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			
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:						
DRAWN:	P.A. VERMAAK	DATE:	13.11.1997	SERIES 8000		D-DT-8052		SET	SHEET	REV
				FILE No:				6	5	11
				8050						

SPEC SHEET

SAP MATERIAL No.:		0182422						
SHORT DESCRIPTION:		M/SUB 1000kVA 11kV/420V A FH INLD D8052						
TECH. DESCRIPTION:								
MINI SUBSTATION * RATED : 1000kVA * NOMINAL VOLTAGE : 11kV/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-8052 *								
SAP MATERIAL No.:		0170756						
SHORT DESCRIPTION:		M/SUB 1000kVA 11kV/420V A FH CSTL D8052						
TECH. DESCRIPTION:								
MINI SUBSTATION * RATED : 1000kVA * NOMINAL VOLTAGE : 11kV/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-8052 *								
SAP MATERIAL No.:		0182429						
SHORT DESCRIPTION:		M/SUB 1000kVA 11kV/420V A CB INLD D8052						
TECH. DESCRIPTION:								
MINI SUBSTATION * RATED : 1000kVA * NOMINAL VOLTAGE : 11kV/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-8052 *								
SAP MATERIAL No.:		0182430						
SHORT DESCRIPTION:		M/SUB 1000kVA 11kV/420V A CB CSTL D8052						
TECH. DESCRIPTION:								
MINI SUBSTATION * RATED : 1000kVA * NOMINAL VOLTAGE : 11kV/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-8052 *								
11	RATINGS CORRECTED ON 0170755 AND 0182423			P.A.T.	B. MWAREHWA	T.Du PLESSIS	13.03.13	
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	
REV	REVISION DESCRIPTION			BY	CHKD	AUTH	DATE	REF. DWGS
AUTH:	P. CROWDY	DATE:	05.02.1998	SCALE NTS		 D-DT-8052		
CHKD:	D. PILLAY	DATE:	05.02.1998	CAD REF:				
				SERIES 8000				
DRAWN:	P.A. VERMAAK	DATE:	13.11.1997	FILE No:		SET		
				8050		SHEET		
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						6	6	11