



SPEC SHEET


SAP MATERIAL No.:		0170208	
SHORT DESCRIPTION:		BRK PANEL 11kV 800A 25kA FDR (A) D6258	
TECH. DESCRIPTION:			
INDOOR CIRCUIT-BREAKER PANEL *			
RATED VOLTAGE: 12kV * NORMAL RATED CURRENT (MAIN CIRCUIT): 800A *			
"A" DENOTES: BUSBAR NORMAL RATED CURRENT: 1250A *			
RATED SHORT TIME CURRENT: 25kA * RATED LIGHTNING IMPULSE WITHSTAND VOLTAGE: 95 kV *			
FOR FEEDER APPLICATION *			
SUPPLIED WITH PROTECTION AND MEASUREMENT CTs IN CABLE COMPARTMENT *			
MR CT'S: 800/1 INCLUSIVE OF THE FOLLOWING:			
1 x 1/800 MR PROTECTION CORE (CORE 1)*			
2 x 800/1 MR MEASUREMENT CORES (CORES 2 & 3) *			
MEASUREMENT CORES TO BE DUAL RATED ON SPECIFIED RATIO IN ACCORDANCE			
WITH D-DT-5408 *			
REFER TO ESKOM DRAWING D-DT-5408 FOR DETAILED CT SPECIFICATION *			
ESKOM DRAWING No. D-DT-6258 *			
SAP MATERIAL No.:		0239691	
SHORT DESCRIPTION:		BRK PANEL 11kV 800A 25kA FDR (B) D6258	
TECH. DESCRIPTION:			
INDOOR CIRCUIT-BREAKER PANEL *			
RATED VOLTAGE: 12kV * NORMAL RATED CURRENT (MAIN CIRCUIT): 800A *			
"B" DENOTES: BUSBAR NORMAL RATED CURRENT: 2500A *			
RATED SHORT TIME CURRENT: 25kA * RATED LIGHTNING IMPULSE WITHSTAND VOLTAGE: 95 kV *			
FOR FEEDER APPLICATION *			
SUPPLIED WITH PROTECTION AND MEASUREMENT CTs IN CABLE COMPARTMENT *			
MR CT'S: 800/1 INCLUSIVE OF THE FOLLOWING:			
1 x 1/800 MR PROTECTION CORE (CORE 1)*			
2 x 800/1 MR MEASUREMENT CORES (CORES 2 & 3) *			
MEASUREMENT CORES TO BE DUAL RATED ON SPECIFIED RATIO IN ACCORDANCE			
WITH D-DT-5408 *			
REFER TO ESKOM DRAWING D-DT-5408 FOR DETAILED CT SPECIFICATION *			
ESKOM DRAWING No. D-DT-6258 *.			

ITEM	:- BKR PANEL 11kV 25kA, BKR PANEL 11kV 31.5kA,					
MATERIAL SPECIFICATION	:- N/A					
CORROSION SPECIFICATION	:- 34-1658					
STANDARD SPECIFICATION	:- SANS 62271-200					
ESKOM SPECIFICATION	:- 240-56065131, 240-56063705,D-DT-5408					
TEST & CERTIFICATION REQUIREMENTS	:- 240-56065131					
INSPECTION	Yes	No	ESKOM RELEASE NOTE		Yes	No
IDENTIFICATION:- INDELIBLE MANUFACTURES TRADEMARK & PART No. ON ALL ITEMS						
7	WITHDRAWABLE INDOOR METAL ENCLOSED SWITCHGEAR PANELS ADDED AND SPEC'S CHANGED		P.A.T.	T.DU PLESSIS		10.10.2013
6	SHORT DESC, TECH. DESC'S, SPECS CHANGED & NEW 800A (LOW) PANELS ADDED		P.A.T.	S.v ZYL	R.KELLY	19.10.2010
5	BUSBAR RATING AND SAP 0239690 & 0239691 ADDED		P.A.T.	J.J. JORDAAN		08.04.2009
4	ESKOM SPEC SCSSCAAK3 CHANGED TO DISSCAAK3		VvZ	C. CLARK		20/06/2006
REV	REVISION DESCRIPTION		BY	CHKD	AUTH	DATE
AUTH:	PHIL CROWDY	DATE:	09/97	SCALE		SAP No:
				N.T.S		0170208
CHKD:	C.B. CLARK	DATE:	09/97	CAD REF:		0239691
				SERIES 6000		SET
DRAWN:	J.F.SCHOLTZ	DATE:	08/97	FILE No:		SHEET
				6175		REV


		SAP No:	
D-DT-6258		0170208	
		0239691	
		11	1
		7	

SPEC SHEET

SAP MATERIAL No.:		0170206							
SHORT DESCRIPTION:		BRK PANEL 11kV 1250A 25ka B/S D6258							
TECH. DESCRIPTION:									
INDOOR CIRCUIT-BREAKER PANEL *									
RATED VOLTAGE: 12kV * NORMAL RATED CURRENT (MAIN CIRCUIT): 1250A *									
BUSBAR NORMAL RATED CURRENT: 1250A *									
RATED SHORT TIME CURRENT: 25ka *									
RATED LIGHTNING IMPULSE WITHSTAND VOLTAGE: 95 kV *									
SUPPLIED WITH PROTECTION CT;									
MR CT: 1/1200 INCLUSIVE OF: 1x1/1200 MR PROTECTION CORE (CORE 1)									
IN ACCORDANCE WITH D-DT-5408;									
FOR BUS-SECTION APPLICATION *									
ESKOM DRAWING No. D-DT-6258 *									
SAP MATERIAL No.:		0170207							
SHORT DESCRIPTION:		BRK PANEL 11kV 1250A 25ka INCMR D6258							
TECH. DESCRIPTION:									
INDOOR CIRCUIT-BREAKER PANEL *									
RATED VOLTAGE: 12kV * NORMAL RATED CURRENT (MAIN CIRCUIT): 1250A *									
BUSBAR NORMAL RATED CURRENT: 1250A *									
RATED SHORT TIME CURRENT: 25ka * RATED LIGHTNING IMPULSE WITHSTAND VOLTAGE: 95 kV *									
FOR INCOMER APPLICATION *									
SUPPLIED WITH PROTECTION AND MEASUREMENT CTs IN CABLE COMPARTMENT *									
MR CT'S: 1200/1 INCLUSIVE OF THE FOLLOWING:									
1 x 1/1200 MR PROTECTION CORE (CORE 1)*									
2 x 1200/1 MR MEASUREMENT CORES (CORES 2 & 3) *									
MEASUREMENT CORES TO BE DUAL RATED ON SPECIFIED RATIO IN ACCORDANCE WITH D-DT-5408 *									
REFER TO ESKOM DRAWING D-DT-5408 FOR DETAILED CT SPECIFICATION *									
ESKOM DRAWING No. D-DT-6258 *									
7	WITHDRAWABLE INDOOR METAL ENCLOSED SWITCHGEAR PANELS ADDED AND SPEC'S CHANGED			P.A.T.	T.DU PLESSIS		10.10.2013		
6	SHORT DESC, TECH. DESC'S, SPECS CHANGED & NEW 800A (LOW) PANELS ADDED			P.A.T.	S.v ZYL	R.KELLY	19.10.2010		
5	BUSBAR RATING AND SAP 0239690 & 0239691 ADDED			P.A.T.	J.J. JORDAAN		08.04.2009		
4	ESKOM SPEC SCSSCAAK3 CHANGED TO DISSCAAK3			VvZ	C. CLARK		20/06/2006		
REV	REVISION DESCRIPTION			BY	CHKD	AUTH	DATE	REF. DRAWINGS	
AUTH:	PHIL CROWDY	DATE:	09/97	SCALE			SAP No:		
CHKD:	C.B. CLARK	DATE:	09/97	N.T.S			0170206		
				CAD REF:			0170207		
				SERIES 6000					
DRAWN:	J.F.SCHOLTZ	DATE:	08/97	FILE No:	D-DT-6258		SET	SHEET	REV
				6175			11	2	7

SPEC SHEET									
SAP MATERIAL No.:		0170211							
SHORT DESCRIPTION:		BKR PANEL 11kV 1250A 25kA FDR (A) D6258							
TECH. DESCRIPTION:		<p>INDOOR CIRCUIT-BREAKER PANEL *</p> <p>RATED VOLTAGE: 12kV * NORMAL RATED CURRENT (MAIN CIRCUIT): 1250A *</p> <p>"A" DENOTES: BUSBAR NORMAL RATED CURRENT: 1250A *</p> <p>RATED SHORT TIME CURRENT: 25kA * RATED LIGHTNING IMPULSE WITHSTAND VOLTAGE: 95 kV *</p> <p>FOR FEEDER APPLICATION *</p> <p>SUPPLIED WITH PROTECTION AND MEASUREMENT CTs IN CABLE COMPARTMENT *</p> <p>MR CT'S: 1200/1 INCLUSIVE OF THE FOLLOWING:</p> <p>1 x 1/1200 MR PROTECTION CORE (CORE 1)*</p> <p>2 x 1200/1 MR MEASUREMENT CORES (CORES 2 & 3) *</p> <p>MEASUREMENT CORES TO BE DUAL RATED ON SPECIFIED RATIO IN ACCORDANCE WITH D-DT-5408 *</p> <p>REFER TO ESKOM DRAWING D-DT-5408 FOR DETAILED CT SPECIFICATION *</p> <p>ESKOM DRAWING No. D-DT-6258 *</p>							
SAP MATERIAL No.:		0170209							
SHORT DESCRIPTION:		BKR PANEL 11kV 2500A 25kA B/S D6258							
TECH. DESCRIPTION:		<p>INDOOR CIRCUIT-BREAKER PANEL *</p> <p>RATED VOLTAGE: 12kV * NORMAL RATED CURRENT (MAIN CIRCUIT): 2500A *</p> <p>BUSBAR NORMAL RATED CURRENT: 2500A *</p> <p>RATED SHORT TIME CURRENT: 25kA * RATED LIGHTNING IMPULSE WITHSTAND VOLTAGE: 95 kV *</p> <p>SUPPLIED WITH PROTECTION CT;</p> <p>MR CT: 1/1600 INCLUSIVE OF: 1x1/1600 MR PROTECTION CORE (CORE 1)</p> <p>IN ACCORDANCE WITH D-DT-5408;</p> <p>FOR BUS-SECTION APPLICATION *</p> <p>ESKOM DRAWING No. D-DT-6258 *</p>							
SAP MATERIAL No.:		0170210							
SHORT DESCRIPTION:		BRK PANEL 11kV 2500A 25kA INCMR D6258							
TECH. DESCRIPTION:		<p>INDOOR CIRCUIT-BREAKER PANEL *</p> <p>RATED VOLTAGE: 12kV * NORMAL RATED CURRENT (MAIN CIRCUIT): 2500A *</p> <p>BUSBAR NORMAL RATED CURRENT: 2500A *</p> <p>RATED SHORT TIME CURRENT: 25kA * RATED LIGHTNING IMPULSE WITHSTAND VOLTAGE: 95 kV *</p> <p>FOR INCOMER APPLICATION *</p> <p>SUPPLIED WITH PROTECTION AND MEASUREMENT CTs IN CABLE COMPARTMENT *</p> <p>MR CT'S: 1600/1 AND 2400/1 INCLUSIVE OF THE FOLLOWING:</p> <p>1 x 1/1600 MR PROTECTION CORE (CORE 1)*</p> <p>2 x 2400/1 MR MEASUREMENT CORES (CORES 2 & 3) *</p> <p>MEASUREMENT CORES TO BE DUAL RATED ON SPECIFIED RATIO IN ACCORDANCE WITH D-DT-5408 *</p> <p>REFER TO ESKOM DRAWING D-DT-5408 FOR DETAILED CT SPECIFICATION *</p> <p>ESKOM DRAWING No. D-DT-6258 *</p>							
7	WITHDRAWABLE INDOOR METAL ENCLOSED SWITCHGEAR PANELS ADDED AND SPEC'S CHANGED				P.A.T.	T.DU PLESSIS		10.10.2013	
6	SHORT DESC, TECH. DESC'S, SPECS CHANGED & NEW 800A (LOW) PANELS ADDED				P.A.T.	S.v ZYL	R.KELLY	19.10.2010	
5	BUSBAR RATING AND SAP 0239690 & 0239691 ADDED				P.A.T.	J.J. JORDAAN		08.04.2009	
4	ESKOM SPEC SCSSCAAK3 CHANGED TO DISSCAAK3				VvZ	C. CLARK		20/06/2006	
REV	REVISION DESCRIPTION				BY	CHKD	AUTH	DATE	REF. DRAWINGS
AUTH:	PHIL CROWDY	DATE:	09/97	SCALE			SAP No:		
				N.T.S			0170211		
				CAD REF:			0170209		
CHKD:	C.B. CLARK	DATE:	09/97	SERIES 6000	D-DT-6258		SET	SHEET	REV
DRAWN:	J.F.SCHOLTZ	DATE:	08/97	FILE No:			11	3	7
				6175					


SPEC SHEET

SAP MATERIAL No.:		0239690							
SHORT DESCRIPTION:		BRK PANEL 11kV 1250A 25kA FDR (B) D6258							
TECH. DESCRIPTION:									
INDOOR CIRCUIT-BREAKER PANEL *									
RATED VOLTAGE: 12kV * NORMAL RATED CURRENT (MAIN CIRCUIT): 1250A *									
“B” DENOTES: BUSBAR NORMAL RATED CURRENT: 2500A *									
RATED SHORT TIME CURRENT: 25kA * RATED LIGHTNING IMPULSE WITHSTAND VOLTAGE: 95 kV *									
FOR FEEDER APPLICATION *									
SUPPLIED WITH PROTECTION AND MEASUREMENT CTs IN CABLE COMPARTMENT *									
MR CT’S: 1200/1 INCLUSIVE OF THE FOLLOWING:									
1 x 1/1200 MR PROTECTION CORE (CORE 1)*									
2 x 1200/1 MR MEASUREMENT CORES (CORES 2 & 3) *									
MEASUREMENT CORES TO BE DUAL RATED ON SPECIFIED RATIO IN ACCORDANCE WITH D-DT-5408 *									
REFER TO ESKOM DRAWING D-DT-5408 FOR DETAILED CT SPECIFICATION *									
ESKOM DRAWING No. D-DT-6258 *									
SAP MATERIAL No.:		0251849							
SHORT DESCRIPTION:		BRK PANEL 11kV 800A 25kA FDR A LOW D6258							
TECH. DESCRIPTION:									
INDOOR CIRCUIT-BREAKER PANEL *									
RATED VOLTAGE: 12kV * NORMAL RATED CURRENT (MAIN CIRCUIT): 800A *									
“A” DENOTES: BUSBAR NORMAL RATED CURRENT: 1250A *									
RATED SHORT TIME CURRENT: 25kA * RATED LIGHTNING IMPULSE WITHSTAND VOLTAGE: 95 kV *									
FOR FEEDER APPLICATION *									
SUPPLIED WITH PROTECTION AND MEASUREMENT CTs IN CABLE COMPARTMENT *									
MR CT’S: 200/1 & 800/1 INCLUSIVE OF THE FOLLOWING:									
1 x 1/800 MR PROTECTION CORE (CORE 1)*									
2 x 200/1 MR MEASUREMENT CORES (CORES 2 & 3) *									
REFER TO ESKOM DRAWING D-DT-5408 FOR DETAILED CT SPECIFICATION *									
ESKOM DRAWING No. D-DT-6258 *									
7	WITHDRAWABLE INDOOR METAL ENCLOSED SWITCHGEAR PANELS ADDED AND SPEC’S CHANGED			P.A.T.	T.DU PLESSIS		10.10.2013		
6	SHORT DESC, TECH. DESC’S, SPECS CHANGED & NEW 800A (LOW) PANELS ADDED			P.A.T.	S.v ZYL	R.KELLY	19.10.2010		
5	BUSBAR RATING AND SAP 0239690 & 0239691 ADDED			P.A.T.	J.J. JORDAAN		08.04.2009		
4	ESKOM SPEC SCSSCAAK3 CHANGED TO DISSCAAK3			VvZ	C. CLARK		20/06/2006		
REV	REVISION DESCRIPTION			BY	CHKD	AUTH	DATE	REF. DRAWINGS	
AUTH:	PHIL CROWDY	DATE:	09/97	SCALE			SAP No:		
				N.T.S			0239690		
CHKD:	C.B. CLARK	DATE:	09/97	CAD REF:			0251849		
				SERIES 6000					
DRAWN:	J.F.SCHOLTZ	DATE:	08/97	FILE No:	D-DT-6258		SET	SHEET	REV
				6175			11	4	7


SPEC SHEET

SAP MATERIAL No.:	0251850							
SHORT DESCRIPTION:	BRK PANEL 11kV 800A 25kA FDR B LOW D6258							
TECH. DESCRIPTION: INDOOR CIRCUIT-BREAKER PANEL * RATED VOLTAGE: 12kV * NORMAL RATED CURRENT (MAIN CIRCUIT): 800A * "B" DENOTES: BUSBAR NORMAL RATED CURRENT: 2500A * RATED SHORT TIME CURRENT: 25kA * RATED LIGHTNING IMPULSE WITHSTAND VOLTAGE: 95 kV * FOR FEEDER APPLICATION * SUPPLIED WITH PROTECTION AND MEASUREMENT CTs IN CABLE COMPARTMENT * MR CT'S: 200/1 & 800/1 INCLUSIVE OF THE FOLLOWING: 1 x 1/800 MR PROTECTION CORE (CORE 1)* 2 x 200/1 MR MEASUREMENT CORES (CORES 2 & 3) * REFER TO ESKOM DRAWING D-DT-5408 FOR DETAILED CT SPECIFICATION * ESKOM DRAWING No. D-DT-6258 *								
SAP MATERIAL No.:	0574914							
SHORT DESCRIPTION:	SWITCHGEAR:FEEDER(A);11KV;630A;25KA							
TECH. DESCRIPTION: SWITCHGEAR: TYPE: FEEDER(A); POTENTIAL: 11 KV; INTERRUPTING CAPACITY: 25 KA; CURRENT: 630 A; SWITCHING METHOD: ELECTROMECHANICAL; INDOOR CIRCUIT-BREAKER PANEL; RATED VOLTAGE: 12KV; NORMAL RATED CURRENT (MAIN CIRCUIT): 630A; "A" DENOTES: BUSBAR NORMAL RATED CURRENT: 1250A; RATED LIGHTNING IMPULSE WITHSTAND VOLTAGE: 95KV; FOR FEEDER APPLICATION; SUPPLIED WITH PROTECTION AND MEASUREMENT CTs IN CABLE COMPARTMENT; MR CTs: 800/1 INCLUSIVE OF THE FOLLOWING: 1 X 800/1 MR PROTECTION CORE (CORE 1); 2 X 800/1 MR MEASUREMENT CORES (CORES 2 & 3); MEASUREMENT CORES TO BE DUAL RATED ON SPECIFIED RATIO IN ACCORDANCE WITH D-DT-5408; REFER TO ESKOM DRAWING D-DT-5408 FOR DETAILED CT SPECIFICATION; ESKOM DRAWING No. D-DT-6258 *								
7	WITHDRAWABLE INDOOR METAL ENCLOSED SWITCHGEAR PANELS ADDED AND SPEC'S CHANGED			P.A.T.	T.DU PLESSIS		10.10.2013	
6	SHORT DESC, TECH. DESC'S, SPECS CHANGED & NEW 800A (LOW) PANELS ADDED			P.A.T.	S.v ZYL	R.KELLY	19.10.2010	
5	BUSBAR RATING AND SAP 0239690 & 0239691 ADDED			P.A.T.	J.J. JORDAAN		08.04.2009	
4	ESKOM SPEC SCSSCAAK3 CHANGED TO DISSCAAK3			VvZ	C. CLARK		20/06/2006	
REV	REVISION DESCRIPTION			BY	CHKD	AUTH	DATE	
AUTH:	PHIL CROWDY	DATE:	09/97	SCALE	<div style="display: inline-block; vertical-align: middle; margin-left: 10px;"> D-DT-6258 </div>			SAP No:
CHKD:	C.B. CLARK	DATE:	09/97	CAD REF:				0251850
				SERIES 6000				0574914
DRAWN:	J.F.SCHOLTZ	DATE:	08/97	FILE No:				SET
				6175	11	5	7	


SPEC SHEET

SAP MATERIAL No.:	0574918									
SHORT DESCRIPTION:	SWITCHGEAR:FEEDER(B);11KV;630A;25KA									
TECH. DESCRIPTION:										
<p>SWITCHGEAR: TYPE: FEEDER(B); POTENTIAL: 11 KV; INTERRUPTING CAPACITY: 25 KA; CURRENT: 630 A; SWITCHING METHOD: ELECTROMECHANICAL; INDOOR CIRCUIT-BREAKER PANEL; RATED VOLTAGE: 12KV; NORMAL RATED CURRENT (MAIN CIRCUIT): 630A; "B" DENOTES: BUSBAR NORMAL RATED CURRENT: 2500A; RATED LIGHTNING IMPULSE WITHSTAND VOLTAGE: 95KV; FOR FEEDER APPLICATION; SUPPLIED WITH PROTECTION AND MEASUREMENT CTs IN CABLE COMPARTMENT; MR CTs: 800/1 INCLUSIVE OF THE FOLLOWING: 1 X 800/1 MR PROTECTION CORE (CORE 1); 2 X 800/1 MR MEASUREMENT CORES (CORES 2 & 3); MEASUREMENT CORES TO BE DUAL RATED ON SPECIFIED RATIO IN ACCORDANCE WITH D-DT-5408; REFER TO ESKOM DRAWING D-DT-5408 FOR DETAILED CT SPECIFICATION; ESKOM DRAWING No. D-DT-6258 *</p>										
SAP MATERIAL No.:	0574909									
SHORT DESCRIPTION:	SWITCHGEAR:FEEDER(A);11KV;630A;31.5KA									
TECH. DESCRIPTION:										
<p>SWITCHGEAR: TYPE: FEEDER(A); POTENTIAL: 11 KV; INTERRUPTING CAPACITY: 31.5 KA; CURRENT: 630 A; SWITCHING METHOD: ELECTROMECHANICAL; INDOOR CIRCUIT-BREAKER PANEL; RATED VOLTAGE: 12KV; NORMAL RATED CURRENT (MAIN CIRCUIT): 630A; "A" DENOTES: BUSBAR NORMAL RATED CURRENT: 1250A; RATED LIGHTNING IMPULSE WITHSTAND VOLTAGE: 95KV; FOR FEEDER APPLICATION; SUPPLIED WITH PROTECTION AND MEASUREMENT CTs IN CABLE COMPARTMENT; MR CTs: 800/1 INCLUSIVE OF THE FOLLOWING: 1 X 800/1 MR PROTECTION CORE (CORE 1); 2 X 800/1 MR MEASUREMENT CORES (CORES 2 & 3); MEASUREMENT CORES TO BE DUAL RATED ON SPECIFIED RATIO IN ACCORDANCE WITH D-DT-5408; REFER TO ESKOM DRAWING D-DT-5408 FOR DETAILED CT SPECIFICATION; ESKOM DRAWING No. D-DT-6258 *</p>										
7	WITHDRAWABLE INDOOR METAL ENCLOSED SWITCHGEAR PANELS ADDED AND SPEC'S CHANGED			P.A.T.	T.DU PLESSIS		10.10.2013			
6	SHORT DESC, TECH. DESC'S, SPECS CHANGED & NEW 800A (LOW) PANELS ADDED			P.A.T.	S.v ZYL	R.KELLY	19.10.2010			
5	BUSBAR RATING AND SAP 0239690 & 0239691 ADDED			P.A.T.	J.J. JORDAAN		08.04.2009			
4	ESKOM SPEC SCSSCAAK3 CHANGED TO DISSCAAK3			VvZ	C. CLARK		20/06/2006			
REV	REVISION DESCRIPTION			BY	CHKD	AUTH	DATE	REF. DRAWINGS		
AUTH:	PHIL CROWDY	DATE:	09/97	SCALE N.T.S			SAP No:			
CHKD:	C.B. CLARK	DATE:	09/97	CAD REF: SERIES 6000			0574918 0574909			
DRAWN:	J.F.SCHOLTZ	DATE:	08/97	FILE No: 6175			D-DT-6258		SET 11	SHEET 6


SPEC SHEET

SAP MATERIAL No.:	0574913								
SHORT DESCRIPTION:	SWITCHGEAR:FEEDER(B);11KV;630A;31.5KA								
TECH. DESCRIPTION:									
<p>SWITCHGEAR: TYPE: FEEDER(B); POTENTIAL: 11 KV; INTERRUPTING CAPACITY: 31.5 KA; CURRENT: 630 A; SWITCHING METHOD: ELECTROMECHANICAL; INDOOR CIRCUIT-BREAKER PANEL; RATED VOLTAGE: 12KV; NORMAL RATED CURRENT (MAIN CIRCUIT): 630A; "B" DENOTES: BUSBAR NORMAL RATED CURRENT: 2500A; RATED LIGHTNING IMPULSE WITHSTAND VOLTAGE: 95KV; FOR FEEDER APPLICATION; SUPPLIED WITH PROTECTION AND MEASUREMENT CTs IN CABLE COMPARTMENT; MR CTs: 800/1 INCLUSIVE OF THE FOLLOWING: 1 X 800/1 MR PROTECTION CORE (CORE 1); 2 X 800/1 MR MEASUREMENT CORES (CORES 2 & 3); MEASUREMENT CORES TO BE DUAL RATED ON SPECIFIED RATIO IN ACCORDANCE WITH D-DT-5408; REFER TO ESKOM DRAWING D-DT-5408 FOR DETAILED CT SPECIFICATION; ESKOM DRAWING No. D-DT-6258 *</p>									
SAP MATERIAL No.:	0574907								
SHORT DESCRIPTION:	SWITCHGEAR:FEEDER(A);11KV;800A;31.5KA								
TECH. DESCRIPTION:									
<p>SWITCHGEAR: TYPE: FEEDER(A); POTENTIAL: 11 KV; INTERRUPTING CAPACITY: 31.5 KA; CURRENT: 800 A; SWITCHING METHOD: ELECTROMECHANICAL; INDOOR CIRCUIT-BREAKER PANEL; RATED VOLTAGE: 12KV; NORMAL RATED CURRENT (MAIN CIRCUIT): 800A * "A" DENOTES: BUSBAR NORMAL RATED CURRENT: 1250A; RATED LIGHTNING IMPULSE WITHSTAND VOLTAGE: 95 KV; FOR FEEDER APPLICATION; SUPPLIED WITH PROTECTION AND MEASUREMENT CTs IN CABLE COMPARTMENT; MR CTs: 800/1 INCLUSIVE OF THE FOLLOWING: 1 X 800/1 MR PROTECTION CORE (CORE 1); 2 X 800/1 MR MEASUREMENT CORES (CORES 2 & 3); MEASUREMENT CORES TO BE DUAL RATED ON SPECIFIED RATIO IN ACCORDANCE WITH D-DT-5408; REFER TO ESKOM DRAWING D-DT-5408 FOR DETAILED CT SPECIFICATION; ESKOM DRAWING No. D-DT-6258 *</p>									
7	WITHDRAWABLE INDOOR METAL ENCLOSED SWITCHGEAR PANELS ADDED AND SPEC'S CHANGED			P.A.T.	T.DU PLESSIS		10.10.2013		
6	SHORT DESC, TECH. DESC'S, SPECS CHANGED & NEW 800A (LOW) PANELS ADDED			P.A.T.	S.v ZYL	R.KELLY	19.10.2010		
5	BUSBAR RATING AND SAP 0239690 & 0239691 ADDED			P.A.T.	J.J. JORDAAN		08.04.2009		
4	ESKOM SPEC SCSSCAAK3 CHANGED TO DISSCAAK3			VvZ	C. CLARK		20/06/2006		
REV	REVISION DESCRIPTION			BY	CHKD	AUTH	DATE	REF. DRAWINGS	
AUTH:	PHIL CROWDY	DATE:	09/97	SCALE N.T.S			SAP No:		
CHKD:	C.B. CLARK	DATE:	09/97	CAD REF:			0574913		
				SERIES 6000			0574907		
DRAWN:	J.F.SCHOLTZ	DATE:	08/97	FILE No: 6175	D-DT-6258		SET	SHEET	REV
							11	7	7


SPEC SHEET

SAP MATERIAL No.:		0574912							
SHORT DESCRIPTION:		SWITCHGEAR:FEEDER(B);11KV;800A;31.5KA							
TECH. DESCRIPTION:									
SWITCHGEAR: TYPE: FEEDER(B); POTENTIAL: 11 KV; INTERRUPTING CAPACITY: 31.5 KA; CURRENT: 800 A; SWITCHING METHOD: ELECTROMECHANICAL; INDOOR CIRCUIT-BREAKER PANEL; RATED VOLTAGE: 12KV; NORMAL RATED CURRENT (MAIN CIRCUIT): 800A; "B" DENOTES: BUSBAR NORMAL RATED CURRENT: 2500A; RATED LIGHTNING IMPULSE WITHSTAND VOLTAGE: 95KV; FOR FEEDER APPLICATION; SUPPLIED WITH PROTECTION AND MEASUREMENT CTs IN CABLE COMPARTMENT; MR CTs: 800/1 INCLUSIVE OF THE FOLLOWING: 1 X 800/1 MR PROTECTION CORE (CORE 1); 2 X 800/1 MR MEASUREMENT CORES (CORES 2 & 3); REFER TO ESKOM DRAWING D-DT-5408 FOR DETAILED CT SPECIFICATION; ESKOM DRAWING No. D-DT-6258 *									
SAP MATERIAL No.:		0574905							
SHORT DESCRIPTION:		SWITCHGEAR:B/SECTION;11KV;1250A;31.5KA							
TECH. DESCRIPTION:									
SWITCHGEAR: TYPE: B/SECTION; POTENTIAL: 11 KV; INTERRUPTING CAPACITY: 31.5 KA; CURRENT: 1250 A; SWITCHING METHOD: ELECTROMECHANICAL; INDOOR CIRCUIT-BREAKER PANEL; RATED VOLTAGE: 12KV; NORMAL RATED CURRENT (MAIN CIRCUIT): 1250A; BUSBAR NORMAL RATED CURRENT: 1250A; RATED LIGHTNING IMPULSE WITHSTAND VOLTAGE: 95KV; SUPPLIED WITH PROTECTION CT; MR CT: 1/1200 INCLUSIVE OF: 1x1/1200 MR PROTECTION CORE (CORE 1) IN ACCORDANCE WITH D-DT-5408; FOR BUS-SECTION APPLICATION; ESKOM DRAWING No. D-DT-6258 *									
7	WITHDRAWABLE INDOOR METAL ENCLOSED SWITCHGEAR PANELS ADDED AND SPEC'S CHANGED			P.A.T.	T.DU PLESSIS		10.10.2013		
6	SHORT DESC, TECH. DESC'S, SPECS CHANGED & NEW 800A (LOW) PANELS ADDED			P.A.T.	S.v ZYL	R.KELLY	19.10.2010		
5	BUSBAR RATING AND SAP 0239690 & 0239691 ADDED			P.A.T.	J.J. JORDAAN		08.04.2009		
4	ESKOM SPEC SCSSCAAK3 CHANGED TO DISSCAAK3			VvZ	C. CLARK		20/06/2006		
REV	REVISION DESCRIPTION			BY	CHKD	AUTH	DATE	REF. DRAWINGS	
AUTH:	PHIL CROWDY	DATE:	09/97	SCALE			SAP No:		
				N.T.S			0574902		
CHKD:	C.B. CLARK	DATE:	09/97	CAD REF:			0574905		
				SERIES 6000					
DRAWN:	J.F.SCHOLTZ	DATE:	08/97	FILE No:	D-DT-6258		SET	SHEET	REV
				6175			11	8	7


SPEC SHEET

SAP MATERIAL No.:	0574906							
SHORT DESCRIPTION:	SWITCHGEAR:INCOMER;11KV;1250A;31.5KA							
TECH. DESCRIPTION:								
<p>SWITCHGEAR: TYPE: INCOMER; POTENTIAL: 11 KV; INTERRUPTING CAPACITY: 31.5 KA; CURRENT: 1250 A; SWITCHING METHOD: ELECTROMECHANICAL; INDOOR CIRCUIT-BREAKER PANEL; RATED VOLTAGE: 12KV; NORMAL RATED CURRENT (MAIN CIRCUIT): 1250A; BUSBAR NORMAL RATED CURRENT: 1250A; RATED LIGHTNING IMPULSE WITHSTAND VOLTAGE: 95KV; FOR INCOMER APPLICATION; SUPPLIED WITH PROTECTION AND MEASUREMENT CTs IN CABLE COMPARTMENT; MR CTs: 1200/1 INCLUSIVE OF THE FOLLOWING: 1 X 1200/1 MR PROTECTION CORE (CORE 1); 2 X 1200/1 MR MEASUREMENT CORES (CORES 2 & 3); MEASUREMENT CORES TO BE DUAL RATED ON SPECIFIED RATIO IN ACCORDANCE WITH D-DT-5408; REFER TO ESKOM DRAWING D-DT-5408 FOR DETAILED CT SPECIFICATION; ESKOM DRAWING No. D-DT-6258 *</p>								
SAP MATERIAL No.:	0574908							
SHORT DESCRIPTION:	SWITCHGEAR:FEEDER(A);11KV;1250A;31.5KA							
TECH. DESCRIPTION:								
<p>SWITCHGEAR: TYPE: FEEDER(A); POTENTIAL: 11 KV; INTERRUPTING CAPACITY: 31.5 KA; CURRENT: 1250 A; SWITCHING METHOD: ELECTROMECHANICAL; INDOOR CIRCUIT-BREAKER PANEL; RATED VOLTAGE: 12KV; NORMAL RATED CURRENT (MAIN CIRCUIT): 1250A; "A" DENOTES: BUSBAR NORMAL RATED CURRENT: 1250A; RATED LIGHTNING IMPULSE WITHSTAND VOLTAGE: 95 KV; FOR FEEDER APPLICATION; SUPPLIED WITH PROTECTION AND MEASUREMENT CTs IN CABLE COMPARTMENT; MR CTs: 1200/1 INCLUSIVE OF THE FOLLOWING: 1 X 1200/1 MR PROTECTION CORE (CORE 1); 2 X 1200/1 MR MEASUREMENT CORES (CORES 2 & 3); MEASUREMENT CORES TO BE DUAL RATED ON SPECIFIED RATIO IN ACCORDANCE WITH D-DT-5408; REFER TO ESKOM DRAWING D-DT-5408 FOR DETAILED CT SPECIFICATION; ESKOM DRAWING No. D-DT-6258 *</p>								
7	WITHDRAWABLE INDOOR METAL ENCLOSED SWITCHGEAR PANELS ADDED AND SPEC'S CHANGED		P.A.T.	T.DU PLESSIS		10.10.2013		
6	SHORT DESC, TECH. DESC'S, SPECS CHANGED & NEW 800A (LOW) PANELS ADDED		P.A.T.	S.v ZYL	R.KELLY	19.10.2010		
5	BUSBAR RATING AND SAP 0239690 & 0239691 ADDED		P.A.T.	J.J. JORDAAN		08.04.2009		
4	ESKOM SPEC SCSSCAAK3 CHANGED TO DISSCAAK3		VvZ	C. CLARK		20/06/2006		
REV	REVISION DESCRIPTION		BY	CHKD	AUTH	DATE	REF. DRAWINGS	
AUTH:	PHIL CROWDY	DATE:	09/97	 D-DT-6258		SAP No:		
CHKD:	C.B. CLARK	DATE:	09/97			0574906		
						0574908		
DRAWN:	J.F.SCHOLTZ	DATE:	08/97			SET	SHEET	REV
				11	9	7		

SPEC SHEET

SAP MATERIAL No.:	0574916									
SHORT DESCRIPTION:	SWITCHGEAR:FEEDER(B);11KV;1250A;31.5KA									
TECH. DESCRIPTION: SWITCHGEAR: TYPE: FEEDER(B); POTENTIAL: 11 KV; INTERRUPTING CAPACITY: 31.5 KA; CURRENT: 1250 A; SWITCHING METHOD: ELECTROMECHANICAL; INDOOR CIRCUIT-BREAKER PANEL; RATED VOLTAGE: 12KV; NORMAL RATED CURRENT (MAIN CIRCUIT): 1250A; "B" DENOTES: BUSBAR NORMAL RATED CURRENT: 2500A; RATED LIGHTNING IMPULSE WITHSTAND VOLTAGE: 95 KV; FOR FEEDER APPLICATION; SUPPLIED WITH PROTECTION AND MEASUREMENT CTs IN CABLE COMPARTMENT; MR CTs: 1200/1 INCLUSIVE OF THE FOLLOWING: 1 X 1200/1 MR PROTECTION CORE (CORE 1); 2 X 1200/1 MR MEASUREMENT CORES (CORES 2 & 3); MEASUREMENT CORES TO BE DUAL RATED ON SPECIFIED RATIO IN ACCORDANCE WITH D-DT-5408; REFER TO ESKOM DRAWING D-DT-5408 FOR DETAILED CT SPECIFICATION; ESKOM DRAWING No. D-DT-6258 *										
SAP MATERIAL No.:	0574910									
SHORT DESCRIPTION:	SWITCHGEAR:B/SECTION;11KV;2500A;31.5KA									
TECH. DESCRIPTION: SWITCHGEAR: TYPE: B/SECTION; POTENTIAL: 11 KV; INTERRUPTING CAPACITY: 31.5 KA; CURRENT: 2500 A; SWITCHING METHOD: ELECTROMECHANICAL; INDOOR CIRCUIT-BREAKER PANEL; RATED VOLTAGE: 12KV; NORMAL RATED CURRENT (MAIN CIRCUIT): 2500A; BUSBAR NORMAL RATED CURRENT: 2500A; RATED LIGHTNING IMPULSE WITHSTAND VOLTAGE: 95KV; SUPPLIED WITH PROTECTION CT; MR CT: 1/1600 INCLUSIVE OF: 1x1/1600 MR PROTECTION CORE (CORE 1) IN ACCORDANCE WITH D-DT-5408; FOR BUS-SECTION APPLICATION; ESKOM DRAWING No. D-DT-6258 *										
7	WITHDRAWABLE INDOOR METAL ENCLOSED SWITCHGEAR PANELS ADDED AND SPEC'S CHANGED			P.A.T.	T.DU PLESSIS		10.10.2013			
6	SHORT DESC, TECH. DESC'S, SPECS CHANGED & NEW 800A (LOW) PANELS ADDED			P.A.T.	S.v ZYL	R.KELLY	19.10.2010			
5	BUSBAR RATING AND SAP 0239690 & 0239691 ADDED			P.A.T.	J.J. JORDAAN		08.04.2009			
4	ESKOM SPEC SCSSCAAK3 CHANGED TO DISSCAAK3			VvZ	C. CLARK		20/06/2006			
REV	REVISION DESCRIPTION			BY	CHKD	AUTH	DATE	REF. DRAWINGS		
AUTH:	PHIL CROWDY	DATE:	09/97	SCALE N.T.S	 D-DT-6258		SAP No:			
CHKD:	C.B. CLARK	DATE:	09/97	CAD REF: SERIES 6000			0574916			
DRAWN:	J.F.SCHOLTZ	DATE:	08/97	FILE No: 6175			0574910			
							SET	SHEET	REV	
							11	10	7	

SPEC SHEET

SAP MATERIAL No.:		0574911							
SHORT DESCRIPTION:		SWITCHGEAR:INCOMER;11KV;2500A;31.5KA							
TECH. DESCRIPTION:									
SWITCHGEAR: TYPE: INCOMER; POTENTIAL: 11 KV; INTERRUPTING CAPACITY: 31.5 KA; CURRENT: 2500 A; SWITCHING METHOD: ELECTROMECHANICAL; INDOOR CIRCUIT-BREAKER PANEL; RATED VOLTAGE: 12KV; NORMAL RATED CURRENT (MAIN CIRCUIT): 2500A; BUSBAR NORMAL RATED CURRENT: 2500A; RATED SHORT TIME CURRENT: 31.5KA; RATED LIGHTNING IMPULSE WITHSTAND VOLTAGE: 95KV; FOR INCOMER APPLICATION; SUPPLIED WITH PROTECTION AND MEASUREMENT CTs IN CABLE COMPARTMENT; MR CTs: 1600/1 AND 2400/1 INCLUSIVE OF THE FOLLOWING: 1 X 1600/1 MR PROTECTION CORE (CORE 1); 2 X 2400/1 MR MEASUREMENT CORES (CORES 2 & 3); MEASUREMENT CORES TO BE DUAL RATED ON SPECIFIED RATIO IN ACCORDANCE WITH D-DT-5408; REFER TO ESKOM DRAWING D-DT-5408 FOR DETAILED CT SPECIFICATION; ESKOM DRAWING No. D-DT-6258 *									
7	WITHDRAWABLE INDOOR METAL ENCLOSED SWITCHGEAR PANELS ADDED AND SPEC'S CHANGED			P.A.T.	T.DU PLESSIS		10.10.2013		
6	SHORT DESC, TECH. DESC'S, SPECS CHANGED & NEW 800A (LOW) PANELS ADDED			P.A.T.	S.v ZYL	R.KELLY	19.10.2010		
5	BUSBAR RATING AND SAP 0239690 & 0239691 ADDED			P.A.T.	J.J. JORDAAN		08.04.2009		
4	ESKOM SPEC SCSSCAAK3 CHANGED TO DISSCAAK3			VvZ	C. CLARK		20/06/2006		
REV	REVISION DESCRIPTION			BY	CHKD	AUTH	DATE	REF. DRAWINGS	
AUTH:	PHIL CROWDY	DATE:	09/97	SCALE			SAP No:		
				N.T.S					
CHKD:	C.B. CLARK	DATE:	09/97	CAD REF:			0574911		
				SERIES 6000	D-DT-6258		SET	SHEET	REV
DRAWN:	J.F.SCHOLTZ	DATE:	08/97	FILE No:			11	11	7
				6175					