



ITEM		:- CONNECTORS,SEP SCR 11kV AND 22kV					
MATERIAL SPECIFICATION		:-					
CORROSION SPECIFICATION		:-					
STANDARD SPECIFICATION		:- NRS 053					
ESKOM SPECIFICATION		:- 34-1622					
TEST & CERTIFICATION REQUIREMENTS		:- NRS 053					
INSPECTION		Yes	No	ESKOM RELEASE NOTE		Yes	No
IDENTIFICATION:- INDELIBLE MANUFACTURERS TRADEMARK & PART No. ON ALL ITEMS							
7	11kV AND 22kV SEPARABLE CONNECTORS ADDED			P.A.T.	T. DU PLESSSES	T. DU PLESSSES	11.06.2014
6	EXTENSIBLE CONNECTORS 0179497 AND 0179498 REINTRODUCED			P.A.T.	B. MWAREHWA	R. KELLY	24.05.2012
5	CONNECTOR,SEP SCR CBL 1 22kV 630 AND CONNECTOR,SEP EXT SCR 22kV 630 ADDED			P.A.T.	B. MWAREHWA	R.KELLY	10.06.2011
REV	REVISION DESCRIPTION			BY	CHKD	AUTH	DATE
AUTH:	P. CROWDY	DATE:	21.12.1999	SCALE NTS		SAP No:	
CHKD:	G. WHYTE	DATE:	21.12.1999	CAD REF: SERIES 8000		SET SHEET REV	
DRAWN:	P.A. VERMAAK	DATE:	29.09.1999	FILE No: 8017		19 1 7	
				Eskom			
				<b>D-DT-8017</b>			

## SPEC SHEET

SAP MATERIAL No.:	0580423							
SHORT DESCRIPTION:	CONNECTOR:SEP SCR CBL 1 11KV 25-50							
TECH. DESCRIPTION:	<p>CONNECTOR: TYPE: SEP SCR CBL 1 11KV 25-50; DIMENSIONS: 25-50 MM2; MATERIAL: POLYMERIC; SEPARABLE CONNECTOR (3 OFF); EXTENSIBLE OR NON-EXTENSIBLE; FOR CABLE 1; SCREENED; FOR 6.35/11KV; CABLE RANGE 25-50MM2; EN50180/1 630A TYPE C INTERFACE WITH M16 X 2MM THREAD; FOR WITH TRIFURCATING TERMINATION KIT OR SINGLE CORE CABLES; SUPPLIED COMPLETE WITH: FIXING STEMS AND LUGS, 3 X SCREENED CONNECTORS WITH END PLUGS &amp; TEST POINT CAPS (IF APPLICABLE), EARTHING KIT: 3 X 70MM2 MAIN EARTH BRAIDS, 6 X CONSTANT FORCE SPRINGS, 3 X SEALING TUBES AND MASTICS ETC., INSTRUCTION SHEET AND BILL OF MATERIALS; ESKOM DRAWING No. D-DT-8017 *</p>							
SAP MATERIAL No.:	0580424							
SHORT DESCRIPTION:	CONNECTOR:SEP SCR CBL 1 11KV 70-185							
TECH. DESCRIPTION:	<p>CONNECTOR: TYPE: SEP SCR CBL 1 11KV 70-185; DIMENSIONS: 70-185 MM2; MATERIAL: POLYMERIC; SEPARABLE CONNECTOR (3 OFF); EXTENSIBLE OR NON-EXTENSIBLE; FOR CABLE 1; SCREENED; FOR 6.35/11KV; CABLE RANGE 70-185MM2; EN50180/1 630A TYPE C INTERFACE WITH M16 X 2MM THREAD; FOR USE WITH TRIFURCATING TERMINATION KIT OR SINGLE CORE CABLES; SUPPLIED COMPLETE WITH: FIXING STEMS AND LUGS, 3 X SCREENED CONNECTORS WITH END PLUGS &amp; TEST POINT CAPS (IF APPLICABLE), EARTHING KIT: 3 X 70MM2 MAIN EARTH BRAIDS, 6 X CONSTANT FORCE SPRINGS, 3 X SEALING TUBES AND MASTICS ETC., INSTRUCTION SHEET AND BILL OF MATERIALS; ESKOM DRAWING No. D-DT-8017 *</p>							
SAP MATERIAL No.:	0580425							
SHORT DESCRIPTION:	CONNECTOR:SEP SCR CBL 1 11KV 240-400							
TECH. DESCRIPTION:	<p>CONNECTOR: TYPE: SEP SCR CBL 1 11KV 240-400; DIMENSIONS: 240-400 MM2; MATERIAL: OLYMERIC; SEPARABLE CONNECTOR (3 OFF); EXTENSIBLE OR NON-EXTENSIBLE; FOR CABLE 1; SCREENED; FOR 6.35/11KV; CABLE RANGE 240-400MM2; EN50180/1 630A TYPE C INTERFACE WITH M16 X 2MM THREAD; FOR USE WITH TRIFURCATING TERMINATION KIT OR SINGLE CORE CABLES; SUPPLIED COMPLETE WITH: FIXING STEMS AND LUGS, 3 X SCREENED CONNECTORS WITH END PLUGS &amp; TEST POINT CAPS (IF APPLICABLE), EARTHING KIT: 3 X 70MM2 MAIN EARTH BRAIDS, 6 X CONSTANT FORCE SPRINGS, 3 X SEALING TUBES AND MASTICS ETC., INSTRUCTION SHEET AND BILL OF MATERIALS; ESKOM DRAWING No. D-DT-8017 *</p>							
7	11kv AND 22kv SEPARABLE CONNECTORS ADDED			P.A.T.	T. DU PLESSES	T. DU PLESSES	11.06.2014	
6	EXTENSIBLE CONNECTORS 0179497 AND 0179498 REINTRODUCED			P.A.T.	B. MWAREHWA	R. KELLY	24.05.2012	
5	CONNECTOR,SEP SCR CBL 1 22kv 630 AND CONNECTOR,SEP EXT SCR 22kv 630 ADDED			P.A.T.	B. MWAREHWA	R.KELLY	10.06.2011	
REV	REVISION DESCRIPTION			BY	CHKD	AUTH	DATE	
AUTH:	P. CROWDY	DATE:	21.12.1999	 <b>D-DT-8017</b>		SAP No:		
CHKD:	G. WHYTE	DATE:	21.12.1999			0580423	0580425	
DRAWN:	P.A. VERMAAK	DATE:	29.09.1999			0580424	SET	SHEET
				SCALE NTS				
				CAD REF: SERIES 8000				
				FILE No: 8017				
						19	2	7

## SPEC SHEET

SAP MATERIAL No.:	0580426								
SHORT DESCRIPTION:	CONNECTOR:SEP SCR CBL 1 11KV 630								
TECH. DESCRIPTION:									
<p>CONNECTOR: TYPE: SEP SCR CBL 1 11KV 630; DIMENSIONS: 630 MM2; MATERIAL: POLYMERIC; SEPARABLE CONNECTOR (3 OFF); EXTENSIBLE OR NON-EXTENSIBLE; FOR CABLE 1; SCREENED; FOR 6.35/11KV; CABLE RANGE 630MM2; EN50180/1 630A TYPE C INTERFACE WITH M16 X 2MM THREAD; SUPPLIED COMPLETE WITH: FIXING STEMS AND LUGS, 3 X SCREENED CONNECTORS WITH END PLUGS &amp; TEST POINT CAPS (IF APPLICABLE), EARTHING KIT: 3 X 70MM2 MAIN EARTH BRAIDS, 6 X CONSTANT FORCE SPRINGS, 3 X SEALING TUBES AND MASTICS ETC., INSTRUCTION SHEET AND BILL OF MATERIALS; ESKOM DRAWING No. D-DT-8017 *</p>									
SAP MATERIAL No.:	0175782								
SHORT DESCRIPTION:	CONNECTOR:SEP SCR CBL 1 22KV 25-50								
TECH. DESCRIPTION:									
<p>CONNECTOR: TYPE: SEP SCR CBL 1 22KV 25-50; DIMENSIONS: 25-50 MM2; MATERIAL: POLYMERIC; SEPARABLE CONNECTOR (3 OFF); EXTENSIBLE OR NON-EXTENSIBLE; FOR CABLE 1; SCREENED; FOR 12.7/22KV; CABLE RANGE 25-50MM2; EN50180/1 630A TYPE C INTERFACE WITH M16 X 2MM THREAD; FOR USE WITH TRIFURCATING TERMINATION KIT OR SINGLE CORE CABLES; SUPPLIED COMPLETE WITH: FIXING STEMS AND LUGS, 3 X SCREENED CONNECTORS WITH END PLUGS &amp; TEST POINT CAPS (IF APPLICABLE), EARTHING KIT: 3 X 70MM2 MAIN EARTH BRAIDS, 6 X CONSTANT FORCE SPRINGS, 3 X SEALING TUBES AND MASTICS ETC., INSTRUCTION SHEET AND BILL OF MATERIALS; ESKOM DRAWING No. D-DT-8017 *</p>									
SAP MATERIAL No.:	0175783								
SHORT DESCRIPTION:	CONNECTOR:SEP SCR CBL 1 22KV 70-185								
TECH. DESCRIPTION:									
<p>CONNECTOR: TYPE: SEP SCR CBL 1 22KV 70-185; DIMENSIONS: 70-185 MM2; MATERIAL: POLYMERIC; SEPARABLE CONNECTOR (3 OFF); EXTENSIBLE OR NON-EXTENSIBLE; FOR CABLE 1; SCREENED; FOR 12.7/22KV; CABLE RANGE 70-185MM2; EN50180/1 630A TYPE C INTERFACE WITH M16 X 2MM THREAD; FOR USE WITH TRIFURCATING TERMINATION KIT OR SINGLE CORE CABLES; SUPPLIED COMPLETE WITH: FIXING STEMS AND LUGS, 3 X SCREENED CONNECTORS WITH END PLUGS &amp; TEST POINT CAPS (IF APPLICABLE), EARTHING KIT: 3 X 70MM2 MAIN EARTH BRAIDS, 6 X CONSTANT FORCE SPRINGS, 3 X SEALING TUBES AND MASTICS ETC., INSTRUCTION SHEET AND BILL OF MATERIALS; ESKOM DRAWING No. D-DT-8017 *</p>									
7	11kv AND 22kv SEPARABLE CONNECTORS ADDED			P.A.T.	T. DU PLESSSES	T. DU PLESSSES	11.06.2014		
6	EXTENSIBLE CONNECTORS 0179497 AND 0179498 REINTRODUCED			P.A.T.	B. MWAREHWA	R. KELLY	24.05.2012		
5	CONNECTOR,SEP SCR CBL 1 22kv 630 AND CONNECTOR,SEP EXT SCR 22kv 630 ADDED			P.A.T.	B. MWAREHWA	R.KELLY	10.06.2011		
REV	REVISION DESCRIPTION			BY	CHKD	AUTH	DATE	REF. DWGS	
AUTH:	P. CROWDY	DATE:	21.12.1999	SCALE NTS		SAP No:			
CHKD:	G. WHYTE	DATE:	21.12.1999	CAD REF: SERIES 8000		0580426	0175783		
DRAWN:	P.A. VERMAAK	DATE:	29.09.1999	FILE No: 8017		D-DT-8017	SET	SHEET	REV
						19	3	7	

## SPEC SHEET

SAP MATERIAL No.:	0580427
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SHORT DESCRIPTION:	CONNECTOR:SEP SCR CBL 1 22KV 240-400
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**TECH. DESCRIPTION:**

CONNECTOR: TYPE: SEP SCR CBL 1 22KV 240-400; DIMENSIONS: 240-400 MM2;  
 MATERIAL: POLYMERIC;  
 SEPARABLE CONNECTOR (3 OFF); EXTENSIBLE OR NON-EXTENSIBLE;  
 FOR CABLE 1; SCREENED; FOR 12.7/22KV; CABLE RANGE 240-400MM2;  
 EN50180/1 630A TYPE C INTERFACE WITH M16 X 2MM THREAD;  
 FOR USE WITH TRIFURCATING TERMINATION KIT OR SINGLE CORE CABLES;  
 SUPPLIED COMPLETE WITH: FIXING STEMS AND LUGS,  
 3 X SCREENED CONNECTORS WITH END PLUGS & TEST POINT CAPS (IF APPLICABLE),  
 EARTHING KIT: 3 X 70MM2 MAIN EARTH BRAIDS, 6 X CONSTANT FORCE SPRINGS,  
 3 X SEALING TUBES AND MASTICS ETC., INSTRUCTION SHEET AND BILL OF MATERIALS;  
 ESKOM DRAWING No. D-DT-8017 \*


SAP MATERIAL No.:	0256344
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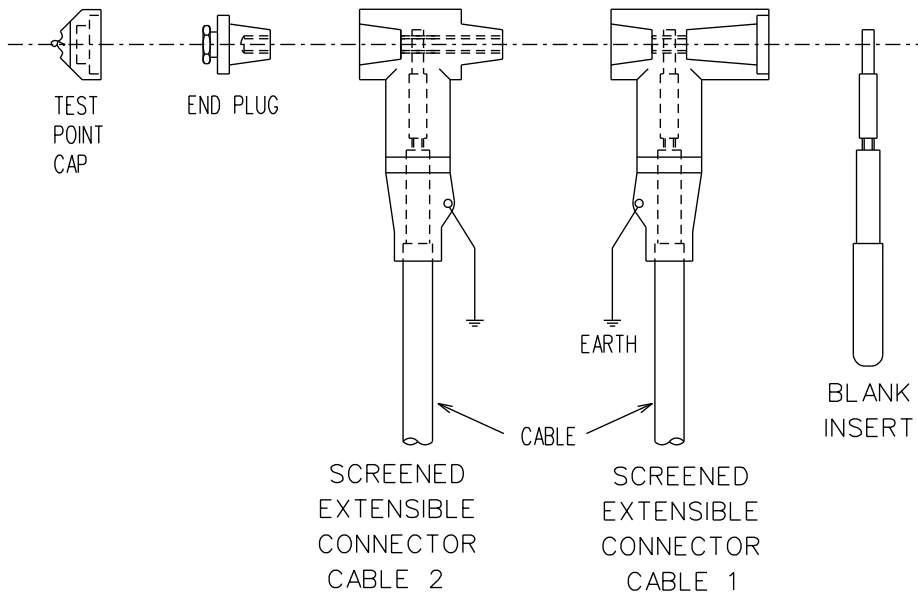
SHORT DESCRIPTION:	CONNECTOR,SEP SCR CBL 1 22kv 630 D8017
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**TECH. DESCRIPTION:**

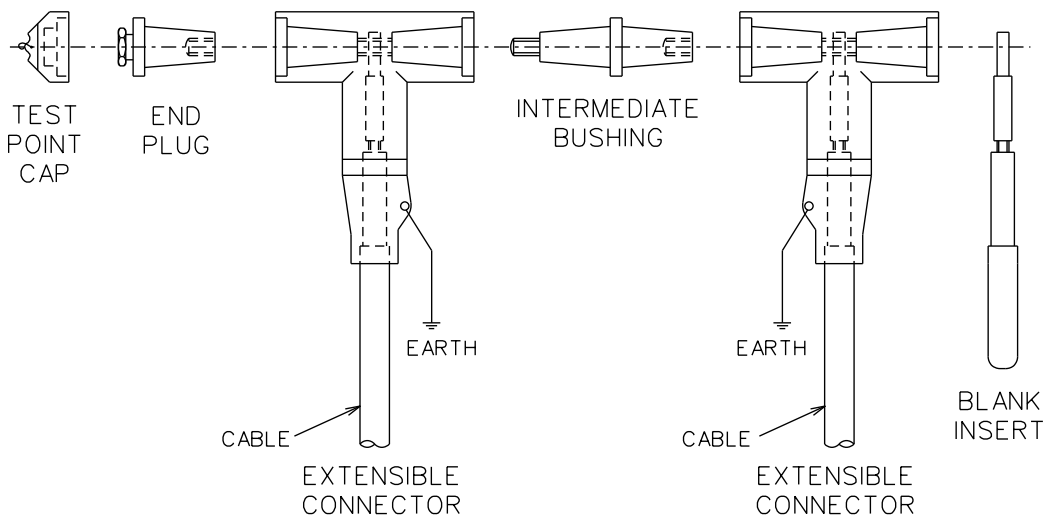
SEPARABLE CONNECTOR (3 OFF) \* EXTENSIBLE OR NON-EXTENSIBLE \*  
 FOR CABLE 1 \* SCREENED \* FOR 12.7/22kv 1-CORE XLPE-INSULATED AWA CABLE SIZE 630mm SQ. \*  
 EN50180/1 630A TYPE C INTERFACE WITH M16 x 2mm THREAD \*  
 SUPPLIED COMPLETE WITH :  
 FIXING STEMS AND TORQUE SHEAR LUGS,  
 3 x SCREENED CONNECTORS WITH END PLUGS & TEST POINT CAPS (IF APPLICABLE),  
 EARTHING KIT :  
 3 x 70mmSQ MAIN EARTH BRAIDS, 6 x CONSTANT FORCE SPRINGS,  
 3 x SEALING TUBES AND MASTICS ETC., INSTRUCTION SHEET AND BILL OF MATERIALS \*  
 ESKOM DRAWING No. D-DT-8017 \*


7	11kv AND 22kv SEPARABLE CONNECTORS ADDED	P.A.T.	T. DU PLESSSES	T. DU PLESSSES	11.06.2014	
6	EXTENSIBLE CONNECTORS 0179497 AND 0179498 REINTRODUCED	P.A.T.	B. MWAREHWA	R. KELLY	24.05.2012	
5	CONNECTOR,SEP SCR CBL 1 22kv 630 AND CONNECTOR,SEP EXT SCR 22kv 630 ADDED	P.A.T.	B. MWAREHWA	R.KELLY	10.06.2011	

REV	REVISION DESCRIPTION			BY	CHKD	AUTH	DATE	REF. DWGS
AUTH:	P. CROWDY	DATE:	21.12.1999	SCALE	 <b>D-DT-8017</b>	SAP No:		
CHKD:	G. WHYTE	DATE:	21.12.1999	NTS		0580427		
DRAWN:	P.A. VERMAAK	DATE:	29.09.1999	CAD REF:		SET	SHEET	REV
				SERIES 8000		19	4	7
				FILE No:				
				8017				



OR



ITEM	:- CONNECTORS,SEP EXT SCR 11kV AND 22kV							
MATERIAL SPECIFICATION	:-							
CORROSION SPECIFICATION	:-							
STANDARD SPECIFICATION	:- NRS 053							
ESKOM SPECIFICATION	:- 34-1622							
TEST & CERTIFICATION REQUIREMENTS	:- NRS 053							
INSPECTION	Yes	No	ESKOM RELEASE NOTE			Yes	No	
IDENTIFICATION:- INDELIBLE MANUFACTURERS TRADEMARK & PART No. ON ALL ITEMS								
7	11kV AND 22kV SEPARABLE CONNECTORS ADDED	P.A.T.	T. DU PLESSIS	T. DU PLESSIS	11.06.2014			
6	EXTENSIBLE CONNECTORS 0179497 AND 0179498 REINTRODUCED	P.A.T.	B. MWAREHWA	R. KELLY	24.05.2012			
5	CONNECTOR,SEP SCR CBL 1 22kV 630 AND CONNECTOR,SEP EXT SCR 22kV 630 ADDED	P.A.T.	B. MWAREHWA	R.KELLY	10.06.2011			
REV	REVISION DESCRIPTION		BY	CHKD	AUTH	DATE	REF. DWGS	
AUTH:	P. CROWDY	DATE:	21.12.1999	 <b>D-DT-8017</b>		SAP No:		
CHKD:	G. WHYTE	DATE:	21.12.1999			SET	SHEET	REV
DRAWN:	P.A. VERMAAK	DATE:	29.09.1999			19	5	7

## SPEC SHEET

SAP MATERIAL No.:	0580428
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SHORT DESCRIPTION:	CONNECTOR:SEP EXT SCR 11KV 25-50
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**TECH. DESCRIPTION:**

CONNECTOR: TYPE: SEP EXT SCR 11KV 25-50; DIMENSIONS: 25-50 MM2; MATERIAL: POLYMERIC; SEPARABLE CONNECTOR (6 OFF); EXTENSIBLE; FOR CABLE 1 AND 2; SCREENED; FOR 6.35/11KV; CABLE RANGE 25-50MM2; EN50180/1 630A TYPE C INTERFACE WITH M16 X 2MM THREAD; FOR USE WITH TRIFURCATING TERMINATION KITS OR SINGLE CORE CABLES; SUPPLIED COMPLETE WITH: FIXING STEMS AND LUGS, 3 X SCREENED EXTENSIBLE CONNECTORS FOR CABLE 1, 3 X SCREENED EXTENSIBLE CONNECTORS FOR CABLE 2, 3 X END PLUGS AND TEST POINT CAPS, 3 X INTERMEDIATE BUSHINGS (WHERE APPLICABLE), EARTHING KIT: 6 X 70MM2 MAIN EARTH BRAIDS, 12 X CONSTANT FORCE SPRINGS, 6 X SEALING TUBES AND MASTICS ETC., INSTRUCTION SHEET AND BILL OF MATERIALS; ESKOM DRAWING No. D-DT-8017 \*

SAP MATERIAL No.:	0580429
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SHORT DESCRIPTION:	CONNECTOR:SEP EXT SCR 11KV 70-185
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**TECH. DESCRIPTION:**

CONNECTOR: TYPE: SEP EXT SCR 11KV 70-185; DIMENSIONS: 70-185 MM2; MATERIAL: POLYMERIC; SEPARABLE CONNECTOR (6 OFF); EXTENSIBLE; FOR CABLE 1 AND 2; SCREENED; FOR 6.35/11KV; CABLE RANGE 70-185MM2; EN50180/1 630A TYPE C INTERFACE WITH M16 X 2MM THREAD; FOR USE WITH TRIFURCATING TERMINATION KITS OR SINGLE CORE CABLES; SUPPLIED COMPLETE WITH: FIXING STEMS AND LUGS, 3 X SCREENED EXTENSIBLE CONNECTORS FOR CABLE 1, 3 X SCREENED EXTENSIBLE CONNECTORS FOR CABLE 2, 3 X END PLUGS AND TEST POINT CAPS, 3 X INTERMEDIATE BUSHINGS (WHERE APPLICABLE), EARTHING KIT: 6 X 70MM2 MAIN EARTH BRAIDS, 12 X CONSTANT FORCE SPRINGS, 6 X SEALING TUBES AND MASTICS ETC., INSTRUCTION SHEET AND BILL OF MATERIALS; ESKOM DRAWING No. D-DT-8017 \*

7	11kv AND 22kv SEPARABLE CONNECTORS ADDED	P.A.T.	T. DU PLESSSES	T. DU PLESSSES	11.06.2014	
6	EXTENSIBLE CONNECTORS 0179497 AND 0179498 REINTRODUCED	P.A.T.	B. MWAREHWA	R. KELLY	24.05.2012	
5	CONNECTOR,SEP SCR CBL 1 22kv 630 AND CONNECTOR,SEP EXT SCR 22kv 630 ADDED	P.A.T.	B. MWAREHWA	R.KELLY	10.06.2011	

REV	REVISION DESCRIPTION	BY	CHKD	AUTH	DATE	REF. DWGS	
AUTH:	P. CROWDY	DATE:	21.12.1999	 <b>D-DT-8017</b>	SAP No:		
CHKD:	G. WHYTE	DATE:	21.12.1999		0580428		
DRAWN:	P.A. VERMAAK	DATE:	29.09.1999		0580429		
					SET	SHEET	REV
					19	6	7

## SPEC SHEET

SAP MATERIAL No.:	0580430								
SHORT DESCRIPTION:	CONNECTOR:SEP EXT SCR 11KV 240-400								
TECH. DESCRIPTION:	<p>CONNECTOR: TYPE: SEP EXT SCR 11KV 240-400; DIMENSIONS: 240-400 MM2; MATERIAL: POLYMERIC; SEPARABLE CONNECTOR (6 OFF); EXTENSIBLE; FOR CABLE 1 AND 2; SCREENED; FOR 6.35/11KV; CABLE RANGE 240-400MM2; EN50180/1 630A TYPE C INTERFACE WITH M16 X 2MM THREAD;</p> <p>FOR USE WITH TRIFURCATING TERMINATION KITS OR SINGLE CORE CABLES;</p> <p>SUPPLIED COMPLETE WITH: FIXING STEMS AND LUGS,            3 X SCREENED EXTENSIBLE CONNECTORS FOR CABLE 1,            3 X SCREENED EXTENSIBLE CONNECTORS FOR CABLE 2,            3 X END PLUGS AND TEST POINT CAPS,            3 X INTERMEDIATE BUSHINGS (WHERE APPLICABLE),            EARTHING KIT: 6 X 70MM2 MAIN EARTH BRAIDS, 12 X CONSTANT FORCE SPRINGS,            6 X SEALING TUBES AND MASTICS ETC.,            INSTRUCTION SHEET AND BILL OF MATERIALS;            ESKOM DRAWING No. D-DT-8017 *</p>								
SAP MATERIAL No.:	0580431								
SHORT DESCRIPTION:	CONNECTOR:SEP EXT SCR 11KV 630;630 MM2								
TECH. DESCRIPTION:	<p>CONNECTOR: TYPE: SEP EXT SCR 11KV 630; DIMENSIONS: 630 MM2; MATERIAL: POLYMERIC; SEPARABLE CONNECTOR (6 OFF); EXTENSIBLE; FOR CABLE 1 AND 2; SCREENED; FOR 6.35/11KV; CABLE RANGE 630MM2;</p> <p>EN50180/1 630A TYPE C INTERFACE WITH M16 X 2MM THREAD;</p> <p>FOR USE WITH TRIFURCATING TERMINATION KITS OR SINGLE CORE CABLES;</p> <p>SUPPLIED COMPLETE WITH: FIXING STEMS AND LUGS,            3 X SCREENED EXTENSIBLE CONNECTORS FOR CABLE 1,            3 X SCREENED EXTENSIBLE CONNECTORS FOR CABLE 2,            3 X END PLUGS AND TEST POINT CAPS,            3 X INTERMEDIATE BUSHINGS (WHERE APPLICABLE),            EARTHING KIT: 6 X 70MM2 MAIN EARTH BRAIDS, 12 X CONSTANT FORCE SPRINGS,            6 X SEALING TUBES AND MASTICS ETC.,            INSTRUCTION SHEET AND BILL OF MATERIALS;            ESKOM DRAWING No. D-DT-8017 *</p>								
7	11kv AND 22kv SEPARABLE CONNECTORS ADDED			P.A.T.	T. DU PLESSSES	T. DU PLESSSES	11.06.2014		
6	EXTENSIBLE CONNECTORS 0179497 AND 0179498 REINTRODUCED			P.A.T.	B. MWAREHWA	R. KELLY	24.05.2012		
5	CONNECTOR,SEP SCR CBL 1 22kv 630 AND CONNECTOR,SEP EXT SCR 22kv 630 ADDED			P.A.T.	B. MWAREHWA	R.KELLY	10.06.2011		
REV	REVISION DESCRIPTION			BY	CHKD	AUTH	DATE		
AUTH:	P. CROWDY	DATE:	21.12.1999	SCALE	 <b>D-DT-8017</b>		SAP No:		
CHKD:	G. WHYTE	DATE:	21.12.1999	NTS			0580430		
				CAD REF:			0580431		
				SERIES 8000	SET	SHEET	REV		
DRAWN:	P.A. VERMAAK	DATE:	29.09.1999	FILE No:	19	7	7		
				8017					

## SPEC SHEET

SAP MATERIAL No.:	0222311
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SHORT DESCRIPTION:	<b>CONNECTOR:SEP EXT SCR 22KV 25-50</b>
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**TECH. DESCRIPTION:**

**CONNECTOR: TYPE: SEP EXT SCR 22KV 25-50; DIMENSIONS: 25-50 MM2; MATERIAL: POLYMERIC; SEPARABLE CONNECTOR (6 OFF); EXTENSIBLE; FOR CABLE 1 AND 2; SCREENED; FOR 12.7/22KV; CABLE RANGE 25-50MM2; EN50180/1 630A TYPE C INTERFACE WITH M16 X 2MM THREAD; FOR USE WITH TRIFURCATING TERMINATION KITS OR SINGLE CORE CABLES; SUPPLIED COMPLETE WITH: FIXING STEMS AND LUGS, 3 X SCREENED EXTENSIBLE CONNECTORS FOR CABLE 1, 3 X SCREENED EXTENSIBLE CONNECTORS FOR CABLE 2, 3 X END PLUGS AND TEST POINT CAPS, 3 X INTERMEDIATE BUSHINGS (WHERE APPLICABLE), EARTHING KIT: 6 X 70MM2 MAIN EARTH BRAIDS, 12 X CONSTANT FORCE SPRINGS, 6 X SEALING TUBES AND MASTICS ETC., INSTRUCTION SHEET AND BILL OF MATERIALS; ESKOM DRAWING No. D-DT-8017 \***

SAP MATERIAL No.:	0222312
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SHORT DESCRIPTION:	<b>CONNECTOR:SEP EXT SCR 22KV 70-185</b>
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**TECH. DESCRIPTION:**


**CONNECTOR: TYPE: SEP EXT SCR 22KV 70-185; DIMENSIONS: 70-185 MM2; MATERIAL: POLYMERIC; SEPARABLE CONNECTOR (6 OFF); EXTENSIBLE; FOR CABLE 1 AND 2; SCREENED; FOR 12.7/22KV; CABLE RANGE 70-185MM2; EN50180/1 630A TYPE C INTERFACE WITH M16 X 2MM THREAD; FOR USE WITH TRIFURCATING TERMINATION KITS OR SINGLE CORE CABLES; SUPPLIED COMPLETE WITH: FIXING STEMS AND LUGS, 3 X SCREENED EXTENSIBLE CONNECTORS FOR CABLE 1, 3 X SCREENED EXTENSIBLE CONNECTORS FOR CABLE 2, 3 X END PLUGS AND TEST POINTS CPS, 3 X INTERMEDIATE BUSHINGS (WHERE APPLICABLE), EARTHING KIT: 6 X 70MM2 MAIN EARTH BRAIDS, 12 X CONSTANT FORCE SPRINGS, 6 X SEALING TUBES AND MASTICS ETC., INSTRUCTION SHEET AND BILL OF MATERIALS; ESKOM DRAWING No. D-DT-8017 \***

7	11kv AND 22kv SEPARABLE CONNECTORS ADDED	P.A.T.	T. DU PLESSSES	T. DU PLESSSES	11.06.2014	
6	EXTENSIBLE CONNECTORS 0179497 AND 0179498 REINTRODUCED	P.A.T.	B. MWAREHWA	R. KELLY	24.05.2012	
5	CONNECTOR,SEP SCR CBL 1 22kv 630 AND CONNECTOR,SEP EXT SCR 22kv 630 ADDED	P.A.T.	B. MWAREHWA	R.KELLY	10.06.2011	


REV	REVISION DESCRIPTION	BY	CHKD	AUTH	DATE	REF. DWGS	
AUTH:	P. CROWDY	DATE:	21.12.1999	 <b>D-DT-8017</b>	SAP No:		
CHKD:	G. WHYTE	DATE:	21.12.1999		0222311		
DRAWN:	P.A. VERMAAK	DATE:	29.09.1999		0222312		
					SET	SHEET	REV
					<b>19</b>	<b>8</b>	<b>7</b>

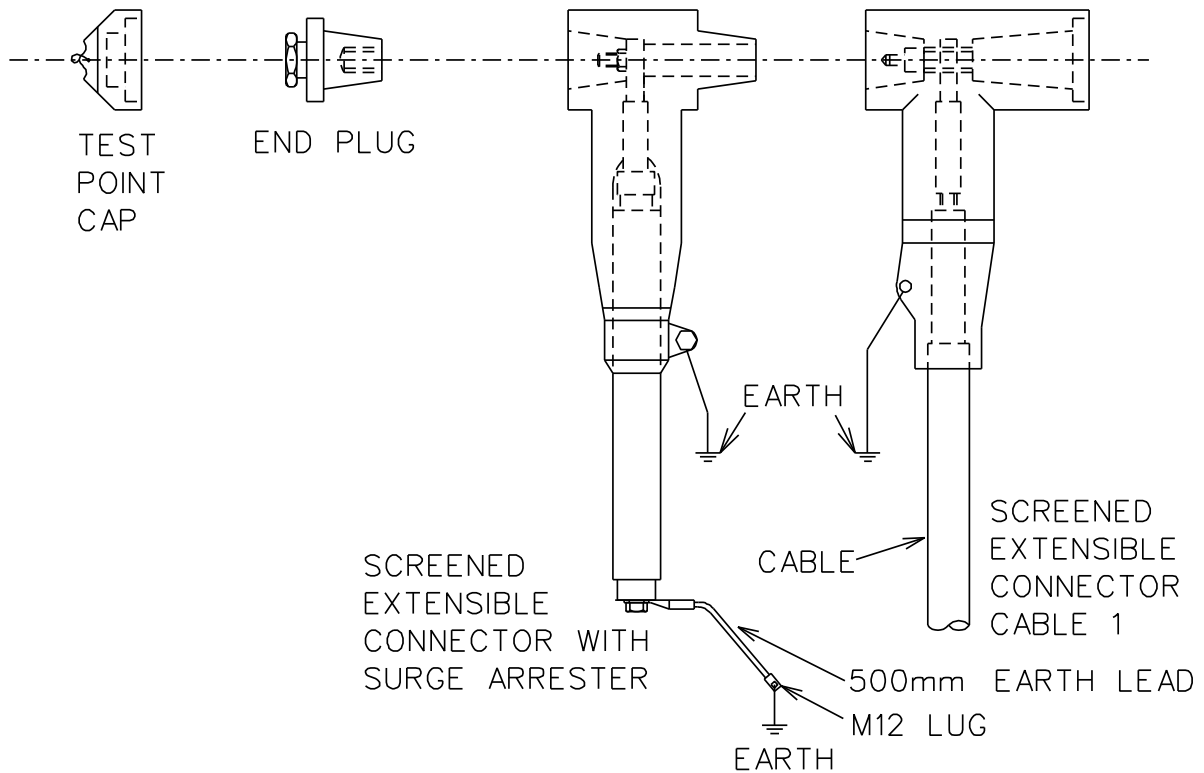


## SPEC SHEET

<b>SAP MATERIAL No.:</b>	0580433							
<b>SHORT DESCRIPTION:</b>	CONNECTOR:SEP EXT SCR 22KV 240-400							
<b>TECH. DESCRIPTION:</b>	<p>CONNECTOR: TYPE: SEP EXT SCR 22KV 240-400; DIMENSIONS: 240-400 MM2; MATERIAL: POLYMERIC; SEPARABLE CONNECTOR (6 OFF); EXTENSIBLE; FOR CABLE 1 AND 2; SCREENED; FOR 12.7/22KV; CABLE RANGE 240-400MM2; EN50180/1 630A TYPE C INTERFACE WITH M16 X 2MM THREAD; FOR USE WITH TRIFURCATING TERMINATION KITS OR SINGLE CORE CABLES ; SUPPLIED COMPLETE WITH: FIXING STEMS AND LUGS, 3 X SCREENED EXTENSIBLE CONNECTORS FOR CABLE 1, 3 X SCREENED EXTENSIBLE CONNECTORS FOR CABLE 2, 3 X END PLUGS AND TEST POINT CAPS, 3 X INTERMEDIATE BUSHINGS (WHERE APPLICABLE), EARTHING KIT: 6 X 70MM2 MAIN EARTH BRAIDS, 12 X CONSTANT FORCE SPRINGS, 6 X SEALING TUBES AND MASTICS ETC., INSTRUCTION SHEET AND BILL OF MATERIALS; ESKOM DRAWING No. D-DT-8017 *</p>							
<b>SAP MATERIAL No.:</b>	0256345							
<b>SHORT DESCRIPTION:</b>	CONNECTOR,SEP EXT SCR 22kv 630 D8017							
<b>TECH. DESCRIPTION:</b>	<p>SEPARABLE CONNECTOR (6 OFF) * EXTENSIBLE * FOR CABLE 1 AND 2 * SCREENED * FOR 12.7/22kv 1-CORE XLPE-INSULATED AWA CABLE SIZE 630mm SQ. * EN50180/1 630A TYPE C INTERFACE WITH M16 x 2mm THREAD * SUPPLIED COMPLETE WITH : FIXING STEMS AND TORQUE SHEAR LUGS, 3 x SCREENED EXTENSIBLE CONNECTORS FOR CABLE 1, 3 x SCREENED EXTENSIBLE CONNECTORS FOR CABLE 2, 3 x END PLUGS AND TEST POINT CAPS, EARTHING KIT : 6 x 70mmSQ MAIN EARTH BRAIDS, 12 x CONSTANT FORCE SPRINGS, 6 x SEALING TUBES AND MASTICS ETC., INSTRUCTION SHEET AND BILL OF MATERIALS * ESKOM DRAWING No. D-DT-8017 *</p>							
7	11kv AND 22kv SEPARABLE CONNECTORS ADDED			P.A.T.	T. DU PLESSSES	T. DU PLESSSES	11.06.2014	
6	EXTENSIBLE CONNECTORS 0179497 AND 0179498 REINTRODUCED			P.A.T.	B. MWAREHWA	R. KELLY	24.05.2012	
5	CONNECTOR,SEP SCR CBL 1 22kv 630 AND CONNECTOR,SEP EXT SCR 22kv 630 ADDED			P.A.T.	B. MWAREHWA	R.KELLY	10.06.2011	
REV	REVISION DESCRIPTION			BY	CHKD	AUTH	DATE	
AUTH:	P. CROWDY	DATE:	21.12.1999	 <b>D-DT-8017</b>		SAP No:		
CHKD:	G. WHYTE	DATE:	21.12.1999			0580433		
DRAWN:	P.A. VERMAAK	DATE:	29.09.1999			0256345		
						SET	SHEET	REV
				8017	19	9	7	

## SPEC SHEET

SAP MATERIAL No.:	0179499						
SHORT DESCRIPTION:	BLANK INSERT 630A TYPE C D8017						
TECH. DESCRIPTION:	BLANK INSERTS ( 3 OFF) FOR EN50180/1 630A TYPE C INTERFACE EXTENSIBLE CONNECTOR * ESKOM DRAWING No. D-DT-8017 *						
SAP MATERIAL No.:	0179497						
SHORT DESCRIPTION:	BUSHING INTERMEDIATE 630A TYPE C D8017						
TECH. DESCRIPTION:	BUSHING ( 3 OFF) * INTERMEDIATE* BS7215 630A TYPE C INTERFACE WITH M16 X 2MM THREAD MALE AND FEMALE INTERFACE ESKOM DRAWING No. D-DT-8017 *						
SAP MATERIAL No.:	0179498						
SHORT DESCRIPTION:	END PLUG TEST POINT CAP 630A TYPE C D8017						
TECH. DESCRIPTION:	END PLUGS ( 3 OFF) WITH TEST POINT CAPS (3 OFF)* BS7215 630A TYPE C INTERFACE WITH M16 X 2MM THREAD* ESKOM DRAWING No. D-DT-8017 *						
7	11kV AND 22kV SEPARABLE CONNECTORS ADDED	P.A.T.	T. DU PLESSES	T. DU PLESSES	11.06.2014		
6	EXTENSIBLE CONNECTORS 0179497 AND 0179498 REINTRODUCED	P.A.T.	B. MWAREHWA	R. KELLY	24.05.2012		
5	CONNECTOR,SEP SCR CBL 1 22kV 630 AND CONNECTOR,SEP EXT SCR 22kV 630 ADDED	P.A.T.	B. MWAREHWA	R.KELLY	10.06.2011		
REV	REVISION DESCRIPTION	BY	CHKD	AUTH	DATE	REF. DWGS	
AUTH:	P. CROWDY	DATE:	21.12.1999	 <b>D-DT-8017</b>	SAP No:		
CHKD:	G. WHYTE	DATE:	21.12.1999		0179499		0179497
DRAWN:	P.A. VERMAAK	DATE:	29.09.1999		0179498		
					SET	SHEET	REV
					19	10	7




ITEM	:- CONNECTORS,SEP EXT SCR <b>11kV AND</b> 22kV WITH SURGE ARRESTERS <b>IN POSITION 2</b>							
MATERIAL SPECIFICATION	:-							
CORROSION SPECIFICATION	:-							
STANDARD SPECIFICATION	:- NRS 053, SANS 60099-4							
ESKOM SPECIFICATION	:- 34-1622							
TEST & CERTIFICATION REQUIREMENTS	:- NRS 053							
INSPECTION	Yes	No	ESKOM RELEASE NOTE			Yes	No	
IDENTIFICATION:- INDELIBLE MANUFACTURERS TRADEMARK & PART No. ON ALL ITEMS								
7	<b>11kV AND 22kV SEPARABLE CONNECTORS ADDED</b>		P.A.T.	T. DU PLESSSES	T. DU PLESSSES	11.06.2014		
6	EXTENSIBLE CONNECTORS 0179497 AND 0179498 REINTRODUCED		P.A.T.	B. MWAREHWA	R. KELLY	24.05.2012		
5	CONNECTOR,SEP SCR CBL 1 22kV 630 AND CONNECTOR,SEP EXT SCR 22kV 630 ADDED		P.A.T.	B. MWAREHWA	R.KELLY	10.06.2011		
REV	REVISION DESCRIPTION		BY	CHKD	AUTH	DATE	REF. DWGS	
AUTH:	P. CROWDY	DATE:	21.12.1999	 <b>D-DT-8017</b>		SAP No:		
CHKD:	G. WHYTE	DATE:	21.12.1999			SET	SHEET	REV
DRAWN:	P.A. VERMAAK	DATE:	29.09.1999			<b>19</b>	<b>11</b>	<b>7</b>
			SCALE					
			NTS					
			CAD REF:					
			SERIES 8000					
			FILE No:					
			8017					

## SPEC SHEET

SAP MATERIAL No.:	0580434
SHORT DESCRIPTION:	CONNECTOR:SEP EXT SCR 11KV 25-50 S/ARR
TECH. DESCRIPTION:	
<p>CONNECTOR: TYPE: SEP EXT SCR 11KV 25-50 S/ARR; DIMENSIONS: 25-50 MM2;            MATERIAL: POLYMERIC; SEPARABLE CONNECTOR (6 OFF); EXTENSIBLE;            WITH 11KV SURGE ARRESTERS; SCREENED; FOR 6.35/11KV; CABLE RANGE 25-50MM2;            EN50180/1 630A TYPE C INTERFACE WITH M16 X 2MM THREAD;            FOR USE WITH TRIFURCATING TERMINATION KITS OR SINGLE CORE CABLES;            SUPPLIED COMPLETE WITH: FIXING STEMS AND LUGS,            3 X SCREENED EXTENSIBLE CONNECTORS FOR CABLE 1,            3 X SCREENED EXTENSIBLE CONNECTORS WITH SURGE ARRESTERS,            3 X END PLUGS AND TEST POINT CAPS,            SURGE ARRESTER DETAILS: MINIMUM MCOV (MINIMUM CONTINUOUS OPERATING VOLATGE): 10KV ;            MAXIMUM RESIDUAL VOLTAGE: 40KV; DISCHARGE CURRENT: 10KA;            IEC - LINE DISCHARGE CLASS 1;            FITTED WITH 500MM EARTH LEAD AND LUG WITH M12 FIXING HOLE;            INSTRUCTION SHEET AND BILL OF MATERIALS;            ESKOM DRAWING No. D-DT-8017 *</p>	

SAP MATERIAL No.:	0580435
SHORT DESCRIPTION:	CONNECTOR:SEP EXT SCR 11KV 70-185 S/ARR
TECH. DESCRIPTION:	
<p>CONNECTOR: TYPE: SEP EXT SCR 11KV 70-185 S/ARR; DIMENSIONS: 70-185 MM2;            MATERIAL: POLYMERIC; SEPARABLE CONNECTOR (6 OFF); EXTENSIBLE;            WITH 11KV SURGE ARRESTERS; SCREENED; FOR 6.35/11KV; CABLE RANGE 70-185MM2;            EN50180/1 630A TYPE C INTERFACE WITH M16 X 2MM THREAD;            FOR USE WITH TRIFURCATING TERMINATION KITS OR SINGLE CORE CABLES;            SUPPLIED COMPLETE WITH: FIXING STEMS AND LUGS,            3 X SCREENED EXTENSIBLE CONNECTORS FOR CABLE 1,            3 X SCREENED EXTENSIBLE CONNECTORS WITH SURGE ARRESTERS,            3 X END PLUGS AND TEST POINT CAPS,            SURGE ARRESTER DETAILS: MINIMUM MCOV (MINIMUM CONTINUOUS OPERATING VOLATGE): 10KV ;            MAXIMUM RESIDUAL VOLTAGE: 40KV; DISCHARGE CURRENT: 10KA;            IEC - LINE DISCHARGE CLASS 1;            FITTED WITH 500MM EARTH LEAD AND LUG WITH M12 FIXING HOLE;            INSTRUCTION SHEET AND BILL OF MATERIALS;            ESKOM DRAWING No. D-DT-8017 *</p>	

7	11kv AND 22kv SEPARABLE CONNECTORS ADDED	P.A.T.	T. DU PLESSES	T. DU PLESSES	11.06.2014			
6	EXTENSIBLE CONNECTORS 0179497 AND 0179498 REINTRODUCED	P.A.T.	B. MWAREHWA	R. KELLY	24.05.2012			
5	CONNECTOR,SEP SCR CBL 1 22kv 630 AND CONNECTOR,SEP EXT SCR 22kv 630 ADDED	P.A.T.	B. MWAREHWA	R.KELLY	10.06.2011			
REV	REVISION DESCRIPTION	BY	CHKD	AUTH	DATE	REF. DWGS		
AUTH:	P. CROWDY	DATE:	21.12.1999	 <b>D-DT-8017</b>		SAP No:		
CHKD:	G. WHYTE	DATE:	21.12.1999			0580434		
DRAWN:	P.A. VERMAAK	DATE:	29.09.1999			0580435		
						SET	SHEET	REV
						19	12	7

## SPEC SHEET

SAP MATERIAL No.:	0580436
SHORT DESCRIPTION:	CONNECTOR:SEP EXT SCR 11KV240-400 S/ARR

**TECH. DESCRIPTION:**


CONNECTOR: TYPE: SEP EXT SCR 11KV240-400 S/ARR; DIMENSIONS: 240-400 MM2;  
 MATERIAL: POLYMERIC; SEPARABLE CONNECTOR (6 OFF); EXTENSIBLE;  
 WITH 11KV SURGE ARRESTERS; SCREENED; FOR 6.35/11KV; CABLE RANGE 240-400MM2;  
 EN50180/1 630A TYPE C INTERFACE WITH M16 X 2MM THREAD;  
 FOR USE WITH TRIFURCATING TERMINATION KITS OR SINGLE CORE CABLES;  
 SUPPLIED COMPLETE WITH: FIXING STEMS AND LUGS,  
 3 X SCREENED EXTENSIBLE CONNECTORS FOR CABLE 1,  
 3 X SCREENED EXTENSIBLE CONNECTORS WITH SURGE ARRESTERS,  
 3 X END PLUGS AND TEST POINT CAPS,  
 SURGE ARRESTER DETAILS: MINIMUM MCOV (MINIMUM CONTINUOUS OPERATING VOLATGE): 10KV ;  
 MAXIMUM RESIDUAL VOLTAGE: 40KV; DISCHARGE CURRENT: 10KA;  
 IEC - LINE DISCHARGE CLASS 1;  
 FITTED WITH 500MM EARTH LEAD AND LUG WITH M12 FIXING HOLE;  
 INSTRUCTION SHEET AND BILL OF MATERIALS;  
 ESKOM DRAWING No. D-DT-8017 \*

SAP MATERIAL No.:	0230639
SHORT DESCRIPTION:	CONNECTOR,SEP EXT SCR 22kv 25-50+SAD8017


**TECH. DESCRIPTION:**

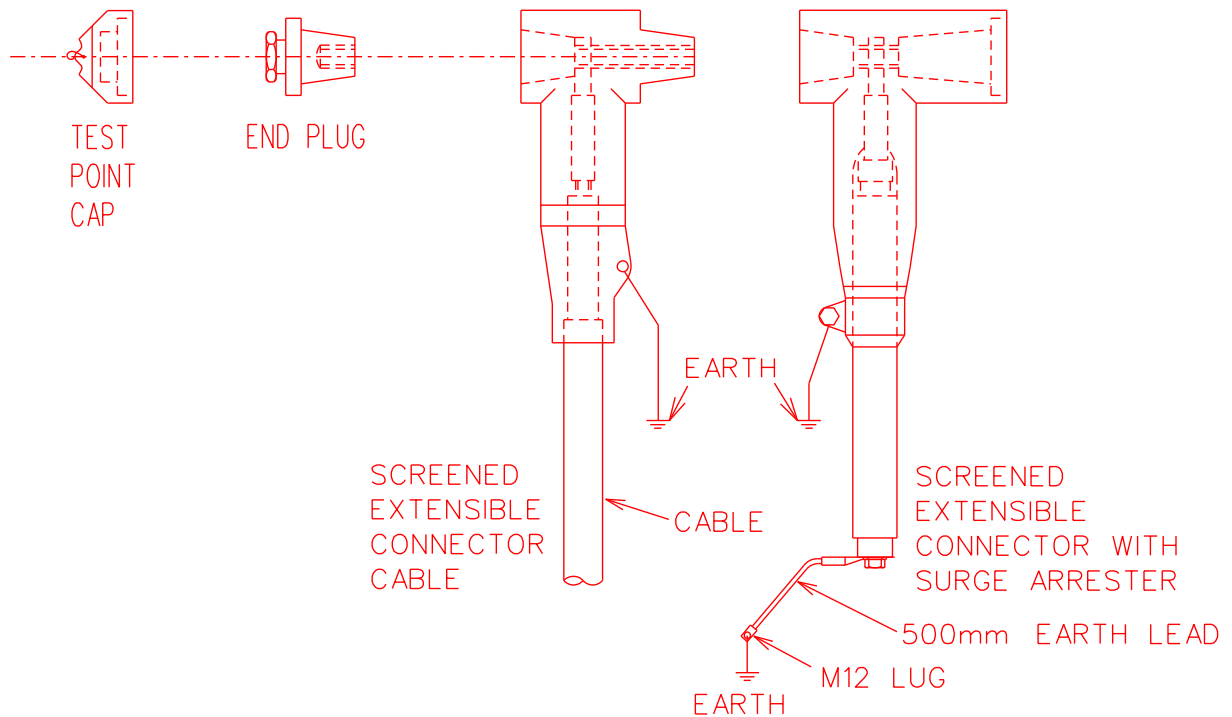
SEPARABLE CONNECTOR (6 OFF) \* EXTENSIBLE \* WITH 22kv SURGE ARRESTERS \*  
 SCREENED \* FOR 12.7/22kv CABLE RANGE 25-50mm SQ. \*  
 EN50180/1 630A TYPE C INTERFACE WITH M16 x 2mm THREAD \*  
 FOR USE AFTER APPLICATION OF A TRIFURCATING TERMINATION KIT \*  
 SUPPLIED COMPLETE WITH : FIXING STEMS AND LUGS,  
 3 x SCREENED EXTENSIBLE CONNECTORS FOR CABLE 1,  
 3 x SCREENED EXTENSIBLE CONNECTORS WITH SURGE ARRESTERS,  
 3 x END PLUGS AND TEST POINT CAPS,  
 SURGE ARRESTER DETAILS :  
 MINIMUM MCOV : 19.2kv \* MAXIMUM RESIDUAL VOLTAGE : 80kv \*  
 DISCHARGE CURRENT : 10ka \* IEC - LINE DISCHARGE CLASS 1 \*  
 FITTED WITH 500mm EARTH LEAD AND LUG WITH M12 FIXING HOLE \*  
 INSTRUCTION SHEET AND BILL OF MATERIALS \*  
 ESKOM DRAWING No. D-DT-8017 \*

7	11kv AND 22kv SEPARABLE CONNECTORS ADDED	P.A.T.	T. DU PLESSSES	T. DU PLESSSES	11.06.2014	
6	EXTENSIBLE CONNECTORS 0179497 AND 0179498 REINTRODUCED	P.A.T.	B. MWAREHWA	R. KELLY	24.05.2012	
5	CONNECTOR,SEP SCR CBL 1 22kv 630 AND CONNECTOR,SEP EXT SCR 22kv 630 ADDED	P.A.T.	B. MWAREHWA	R.KELLY	10.06.2011	
REV	REVISION DESCRIPTION	BY	CHKD	AUTH	DATE	REF. DWGS

AUTH:	P. CROWDY	DATE:	21.12.1999	 <b>D-DT-8017</b>	SAP No:		
CHKD:	G. WHYTE	DATE:	21.12.1999		0580436		
DRAWN:	P.A. VERMAAK	DATE:	29.09.1999		0230639	SET	SHEET
					19	13	7

## SPEC SHEET

SAP MATERIAL No.:	0230640								
SHORT DESCRIPTION:	CONNECTOR,SEP EXT SCR 22kV 70-185+SAD8017								
TECH. DESCRIPTION:	<p>SEPARABLE CONNECTOR (6 OFF) * EXTENSIBLE * WITH 22kV SURGE ARRESTERS *            SCREENED * FOR 12.7/22kV CABLE RANGE 70-185mm SQ. *            EN50180/1 630A TYPE C INTERFACE WITH M16 x 2mm THREAD *            FOR USE AFTER APPLICATION OF A TRIFURCATING TERMINATION KIT *            SUPPLIED COMPLETE WITH : FIXING STEMS AND LUGS,            3 x SCREENED EXTENSIBLE CONNECTORS FOR CABLE 1,            3 x SCREENED EXTENSIBLE CONNECTORS WITH SURGE ARRESTERS,            3 x END PLUGS AND TEST POINT CAPS,            SURGE ARRESTER DETAILS :            MINIMUM MCOV : 19.2kV * MAXIMUM RESIDUAL VOLTAGE : 80kV *            DISCHARGE CURRENT : 10kA * IEC - LINE DISCHARGE CLASS 1 *            FITTED WITH 500mm EARTH LEAD AND LUG WITH M12 FIXING HOLE *            INSTRUCTION SHEET AND BILL OF MATERIALS *            ESKOM DRAWING No. D-DT-8017 *</p>								
SAP MATERIAL No.:	0580437								
SHORT DESCRIPTION:	CONNECTOR:SEP EXT SCR 22KV240-400 S/ARR								
TECH. DESCRIPTION:	<p>CONNECTOR: TYPE: SEP EXT SCR 22KV240-400 S/ARR; DIMENSIONS: 25-50 MM2;            MATERIAL: POLYMERIC; SEPARABLE CONNECTOR (6 OFF); EXTENSIBLE;            WITH 22KV SURGE ARRESTERS; SCREENED; FOR 12.7/22KV; CABLE RANGE 240-400MM2;            EN50180/1 630A TYPE C INTERFACE WITH M16 X 2MM THREAD;            FOR USE WITH TRIFURCATING TERMINATION KITS OR SINGLE CORE CABLES;            SUPPLIED COMPLETE WITH: FIXING STEMS AND LUGS,            3 X SCREENED EXTENSIBLE CONNECTORS FOR CABLE 1,            3 X SCREENED EXTENSIBLE CONNECTORS WITH SURGE ARRESTERS,            3 X END PLUGS AND TEST POINT CAPS, SURGE ARRESTER DETAILS: MINIMUM MCOV            (MINIMUM CONTINUOUS OPERATING VOLATGE): 19.2KV ;            MAXIMUM RESIDUAL VOLTAGE: 80KV; DISCHARGE CURRENT: 10KA;            IEC - LINE DISCHARGE CLASS 1;            FITTED WITH 500MM EARTH BOND LEAD AND LUG WITH M12 FIXING HOLE;            INSTRUCTION SHEET AND BILL OF MATERIALS;            ESKOM DRAWING No. D-DT-8017 *</p>								
7	11kV AND 22kV SEPARABLE CONNECTORS ADDED			P.A.T.	T. DU PLESSES	T. DU PLESSES	11.06.2014		
6	EXTENSIBLE CONNECTORS 0179497 AND 0179498 REINTRODUCED			P.A.T.	B. MWAREHWA	R. KELLY	24.05.2012		
5	CONNECTOR,SEP SCR CBL 1 22kV 630 AND CONNECTOR,SEP EXT SCR 22kV 630 ADDED			P.A.T.	B. MWAREHWA	R.KELLY	10.06.2011		
REV	REVISION DESCRIPTION			BY	CHKD	AUTH	DATE		
AUTH:	P. CROWDY	DATE:	21.12.1999	SCALE	 <b>D-DT-8017</b>		SAP No:		
CHKD:	G. WHYTE	DATE:	21.12.1999	NTS			0230640		
DRAWN:	P.A. VERMAAK	DATE:	29.09.1999	CAD REF:			0580437		
				SERIES 8000	SET	SHEET	REV		
				FILE No:	19	14	7		
				8017					




ITEM	:- CONNECTORS,SEP EXT SCR 11kV AND 22kV WITH SURGE ARRESTERS IN POSITION 1							
MATERIAL SPECIFICATION	:-							
CORROSION SPECIFICATION	:-							
STANDARD SPECIFICATION	:- NRS 053, SANS 60099-4							
ESKOM SPECIFICATION	:- 34-1622							
TEST & CERTIFICATION REQUIREMENTS	:- NRS 053							
INSPECTION	Yes	No	ESKOM RELEASE NOTE			Yes	No	
IDENTIFICATION:- INDELIBLE MANUFACTURERS TRADEMARK & PART No. ON ALL ITEMS								
7	11kV AND 22kV SEPARABLE CONNECTORS ADDED	P.A.T.	T. DU PLESSSES	T. DU PLESSSES	11.06.2014			
6	EXTENSIBLE CONNECTORS 0179497 AND 0179498 REINTRODUCED	P.A.T.	B. MWAREHWA	R. KELLY	24.05.2012			
5	CONNECTOR,SEP SCR CBL 1 22kV 630 AND CONNECTOR,SEP EXT SCR 22kV 630 ADDED	P.A.T.	B. MWAREHWA	R.KELLY	10.06.2011			
REV	REVISION DESCRIPTION	BY	CHKD	AUTH	DATE	REF.	DWGS	
AUTH:	P. CROWDY	DATE:	21.12.1999	 <b>D-DT-8017</b>		SAP No:		
CHKD:	G. WHYTE	DATE:	21.12.1999			SET	SHEET	REV
DRAWN:	P.A. VERMAAK	DATE:	29.09.1999			19	15	7
				SCALE				
				NTS				
				CAD REF:				
				SERIES 8000				
				FILE No:				
				8017				

## SPEC SHEET

SAP MATERIAL No.:	0580438
SHORT DESCRIPTION:	CONNECTOR:MT SEPEXT SCR 11KV 25-50S/ARR
TECH. DESCRIPTION:	
<p>CONNECTOR: TYPE: MT SEPEXT SCR 11KV 25-50S/ARR; DIMENSIONS: 25-50 MM2;            MATERIAL: POLYMERIC; SEPARABLE CONNECTOR (6 OFF);            EXTENSIBLE; WITH 11KV SURGE ARRESTERS;            FOR MOBILE TRAILER (MT) MV INDOOR SWITCHGEAR; SCREENED;            FOR 6.35/11KV; CABLE RANGE 25-50MM2;            EN50180/1 630A TYPE C INTERFACE WITH M16 X 2MM THREAD;            FOR USE WITH TRIFURCATING TERMINATION KITS OR SINGLE CORE CABLES;            SUPPLIED COMPLETE WITH: FIXING STEMS AND LUGS,            3 X SCREENED EXTENSIBLE CONNECTORS FOR CABLE 2,            3 X SCREENED EXTENSIBLE CONNECTORS WITH SURGE ARRESTERS,            3 X END PLUGS AND TEST POINT CAPS,            SURGE ARRESTER DETAILS: MINIMUM MCOV (MINIMUM CONTINUOUS OPERATING VOLATGE): 10KV ;            MAXIMUM RESIDUAL VOLTAGE: 40KV; DISCHARGE CURRENT: 10KA;            IEC - LINE DISCHARGE CLASS 1;            FITTED WITH 500MM EARTH LEAD AND LUG WITH M12 FIXING HOLE;            INSTRUCTION SHEET AND BILL OF MATERIALS;            ESKOM DRAWING No. D-DT-8017 *</p>	

SAP MATERIAL No.:	0580439
SHORT DESCRIPTION:	CONNECTOR:MT SEPEXT SCR 11KV70-185S/ARR
TECH. DESCRIPTION:	
<p>CONNECTOR: TYPE: MT SEPEXT SCR 11KV70-185S/ARR; DIMENSIONS: 70-185 MM2;            MATERIAL: POLYMERIC; SEPARABLE CONNECTOR (6 OFF);            EXTENSIBLE; WITH 11KV SURGE ARRESTERS;            FOR MOBILE TRAILER (MT) MV INDOOR SWITCHGEAR; SCREENED;            FOR 6.35/11KV; CABLE RANGE 70-185MM2;            EN50180/1 630A TYPE C INTERFACE WITH M16 X 2MM THREAD;            FOR USE WITH TRIFURCATING TERMINATION KITS OR SINGLE CORE CABLES;            SUPPLIED COMPLETE WITH: FIXING STEMS AND LUGS,            3 X SCREENED EXTENSIBLE CONNECTORS FOR CABLE 2,            3 X SCREENED EXTENSIBLE CONNECTORS WITH SURGE ARRESTERS,            3 X END PLUGS AND TEST POINT CAPS,            SURGE ARRESTER DETAILS: MINIMUM MCOV (MINIMUM CONTINUOUS OPERATING VOLATGE): 10KV ;            MAXIMUM RESIDUAL VOLTAGE: 40KV; DISCHARGE CURRENT: 10KA;            IEC - LINE DISCHARGE CLASS 1;            FITTED WITH 500MM EARTH LEAD AND LUG WITH M12 FIXING HOLE;            INSTRUCTION SHEET AND BILL OF MATERIALS;            ESKOM DRAWING No. D-DT-8017 *</p>	


7	11kv AND 22kv SEPARABLE CONNECTORS ADDED	P.A.T.	T. DU PLESSSES	T. DU PLESSSES	11.06.2014	
6	EXTENSIBLE CONNECTORS 0179497 AND 0179498 REINTRODUCED	P.A.T.	B. MWAREHWA	R. KELLY	24.05.2012	
5	CONNECTOR,SEP SCR CBL 1 22kv 630 AND CONNECTOR,SEP EXT SCR 22kv 630 ADDED	P.A.T.	B. MWAREHWA	R.KELLY	10.06.2011	
REV	REVISION DESCRIPTION	BY	CHKD	AUTH	DATE	REF. DWGS
AUTH:	P. CROWDY	DATE:	21.12.1999	 <b>D-DT-8017</b>	SAP No:	
CHKD:	G. WHYTE	DATE:	21.12.1999		0580438	
DRAWN:	P.A. VERMAAK	DATE:	29.09.1999		0580439	
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					19	16
						7

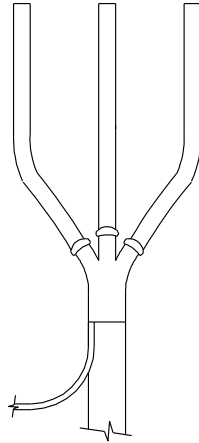


## SPEC SHEET

SAP MATERIAL No.:	0580440						
SHORT DESCRIPTION:	CONNECTOR:MT SEPEXTSCR 11KV240-400S/ARR						
TECH. DESCRIPTION:							
<p>CONNECTOR: TYPE: MT SEPEXTSCR 11KV240-400S/ARR; DIMENSIONS: 240-400 MM2;            MATERIAL: POLYMERIC; SEPARABLE CONNECTOR (6 OFF); EXTENSIBLE;            WITH 11KV SURGE ARRESTERS;            FOR MOBILE TRAILER (MT) MV INDOOR SWITCHGEAR; SCREENED;            FOR 6.35/11KV; CABLE RANGE 240-400MM2;            EN50180/1 630A TYPE C INTERFACE WITH M16 X 2MM THREAD;            FOR USE WITH TRIFURCATING TERMINATION KITS OR SINGLE CORE CABLES;            SUPPLIED COMPLETE WITH: FIXING STEMS AND LUGS,            3 X SCREENED EXTENSIBLE CONNECTORS FOR CABLE 2,            3 X SCREENED EXTENSIBLE CONNECTORS WITH SURGE ARRESTERS,            3 X END PLUGS AND TEST POINT CAPS,            SURGE ARRESTER DETAILS: MINIMUM MCOV (MINIMUM CONTINUOUS OPERATING VOLATGE): 10KV ;            MAXIMUM RESIDUAL VOLTAGE: 40KV; DISCHARGE CURRENT: 10KA;            IEC - LINE DISCHARGE CLASS 1;            FITTED WITH 500MM EARTH LEAD AND LUG WITH M12 FIXING HOLE;            INSTRUCTION SHEET AND BILL OF MATERIALS;            ESKOM DRAWING No. D-DT-8017 *</p>							
SAP MATERIAL No.:	0580441						
SHORT DESCRIPTION:	CONNECTOR:MT SEPEXT SCR 22KV 25-50S/ARR						
TECH. DESCRIPTION:							
<p>CONNECTOR: TYPE: MT SEPEXT SCR 22KV 25-50S/ARR; DIMENSIONS: 25-50 MM2;            MATERIAL: POLYMERIC; SEPARABLE CONNECTOR (6 OFF); EXTENSIBLE;            WITH 22KV SURGE ARRESTERS; FOR MOBILE TRAILER (MT) MV INDOOR SWITCHGEAR;            SCREENED; FOR 12.7/22KV; CABLE RANGE 25-50MM2;            EN50180/1 630A TYPE C INTERFACE WITH M16 X 2MM THREAD;            FOR USE WITH TRIFURCATING TERMINATION KITS OR SINGLE CORE CABLES;            SUPPLIED COMPLETE WITH: FIXING STEMS AND LUGS,            3 X SCREENED EXTENSIBLE CONNECTORS FOR CABLE 2,            3 X SCREENED EXTENSIBLE CONNECTORS WITH SURGE ARRESTERS,            3 X END PLUGS AND TEST POINT CAPS,            SURGE ARRESTER DETAILS: MINIMUM MCOV (MINIMUM CONTINUOUS OPERATING VOLATGE):19.2KV ;            MAXIMUM RESIDUAL VOLTAGE: 80KV;            DISCHARGE CURRENT: 10KA; IEC - LINE DISCHARGE CLASS 1;            FITTED WITH 500MM EARTH LEAD AND LUG WITH M12 FIXING HOLE;            INSTRUCTION SHEET AND BILL OF MATERIALS;            ESKOM DRAWING No. D-DT-8017 *</p>							
7	11kv AND 22kv SEPARABLE CONNECTORS ADDED	P.A.T.	T. DU PLESSES	T. DU PLESSES	11.06.2014		
6	EXTENSIBLE CONNECTORS 0179497 AND 0179498 REINTRODUCED	P.A.T.	B. MWAREHWA	R. KELLY	24.05.2012		
5	CONNECTOR,SEP SCR CBL 1 22kv 630 AND CONNECTOR,SEP EXT SCR 22kv 630 ADDED	P.A.T.	B. MWAREHWA	R.KELLY	10.06.2011		
REV	REVISION DESCRIPTION	BY	CHKD	AUTH	DATE	REF. DWGS	
AUTH:	P. CROWDY	DATE:	21.12.1999	 <b>Eskom</b>	SAP No:		
CHKD:	G. WHYTE	DATE:	21.12.1999		0580440		
DRAWN:	P.A. VERMAAK	DATE:	29.09.1999		0580441		
				<b>D-DT-8017</b>	SET	SHEET	REV
					19	17	7

## SPEC SHEET

SAP MATERIAL No.:	0580442							
SHORT DESCRIPTION:	CONNECTOR:MT SEPEXT SCR22KV 70-185S/ARR							
TECH. DESCRIPTION:	<p>CONNECTOR: TYPE: MT SEPEXT SCR22KV 70-185S/ARR; DIMENSIONS: 70-185 MM2;            MATERIAL: POLYMERIC; SEPARABLE CONNECTOR (6 OFF); EXTENSIBLE;            WITH 22KV SURGE ARRESTERS; FOR MOBILE TRAILER (MT) MV INDOOR SWITCHGEAR;            SCREENED; FOR 6.35/11KV; CABLE RANGE 70-185MM2;            EN50180/1 630A TYPE C INTERFACE WITH M16 X 2MM THREAD;            FOR USE WITH TRIFURCATING TERMINATION KITS OR SINGLE CORE CABLES;            SUPPLIED COMPLETE WITH: FIXING STEMS AND LUGS,            3 X SCREENED EXTENSIBLE CONNECTORS FOR CABLE 2,            3 X SCREENED EXTENSIBLE CONNECTORS WITH SURGE ARRESTERS,            3 X END PLUGS AND TEST POINT CAPS,            SURGE ARRESTER DETAILS: MINIMUM MCOV (MINIMUM CONTINUOUS OPERATING VOLATGE):19.2KV ;            MAXIMUM RESIDUAL VOLTAGE: 80KV; DISCHARGE CURRENT: 10KA;            IEC - LINE DISCHARGE CLASS 1;            FITTED WITH 500MM EARTH LEAD AND LUG WITH M12 FIXING HOLE;            INSTRUCTION SHEET AND BILL OF MATERIALS;            ESKOM DRAWING No. D-DT-8017 *</p>							
SAP MATERIAL No.:	0580443							
SHORT DESCRIPTION:	CONNECTOR:MT SEPEXT SCR22KV240-400S/ARR							
TECH. DESCRIPTION:	<p>CONNECTOR: TYPE: MT SEPEXT SCR22KV240-400S/ARR; DIMENSIONS: 240-400 MM2;            MATERIAL: POLYMERIC; SEPARABLE CONNECTOR (6 OFF); EXTENSIBLE;            WITH 22KV SURGE ARRESTERS; FOR MOBILE TRAILER (MT) MV INDOOR SWITCHGEAR;            SCREENED; FOR 12.7/22KV; CABLE RANGE 240-400MM2;            EN50180/1 630A TYPE C INTERFACE WITH M16 X 2MM THREAD;            FOR USE WITH TRIFURCATING TERMINATION KITS OR SINGLE CORE CABLES;            SUPPLIED COMPLETE WITH: FIXING STEMS AND LUGS,            3 X SCREENED EXTENSIBLE CONNECTORS FOR CABLE 2,            3 X SCREENED EXTENSIBLE CONNECTORS WITH SURGE ARRESTERS,            3 X END PLUGS AND TEST POINT CAPS,            SURGE ARRESTER DETAILS: MINIMUM MCOV (MINIMUM CONTINUOUS OPERATING VOLATGE):19.2KV ;            MAXIMUM RESIDUAL VOLTAGE: 80KV; DISCHARGE CURRENT: 10KA;            IEC - LINE DISCHARGE CLASS 1;            FITTED WITH 500MM EARTH LEAD AND LUG WITH M12 FIXING HOLE;            INSTRUCTION SHEET AND BILL OF MATERIALS;            ESKOM DRAWING No. D-DT-8017 *</p>							
7	11kv AND 22kv SEPARABLE CONNECTORS ADDED			P.A.T.	T. DU PLESSES	T. DU PLESSES	11.06.2014	
6	EXTENSIBLE CONNECTORS 0179497 AND 0179498 REINTRODUCED			P.A.T.	B. MWAREHWA	R. KELLY	24.05.2012	
5	CONNECTOR,SEP SCR CBL 1 22kv 630 AND CONNECTOR,SEP EXT SCR 22kv 630 ADDED			P.A.T.	B. MWAREHWA	R.KELLY	10.06.2011	
REV	REVISION DESCRIPTION			BY	CHKD	AUTH	DATE	
AUTH:	P. CROWDY	DATE:	21.12.1999	SCALE	 <b>D-DT-8017</b>		SAP No:	
CHKD:	G. WHYTE	DATE:	21.12.1999	NTS			0580442	
DRAWN:	P.A. VERMAAK	DATE:	29.09.1999	CAD REF:			0580443	
				SERIES 8000	SET	SHEET	REV	
				FILE No:	19	18	7	
				8017				



SAP MATERIAL No.:	0179495
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SHORT DESCRIPTION:	TRIFURCATING KIT,SCR 22kV 3C 25-50 D8017
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TECH. DESCRIPTION:

TRI-FURCATING KIT \* TAIL LENGTH : 800mm  
 FOR 3 CORE CABLE USED WITH SCREENED SEPARABLE CONNECTORS \*  
 FOR 12.7/22kV CABLE RANGE 25-50mm SQ. \*  
 SUPPLIED COMPLETE WITH : TRI-FURCATING BOOT,  
 CORE INSULATING TUBES, EARTHING KIT, INSTRUCTION SHEET  
 AND BILL OF MATERIALS \*  
 ESKOM DRAWING No. D-DT-8017 \*

SAP MATERIAL No.:	0179496
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SHORT DESCRIPTION:	TRIFURCATING KIT,SCR 22kV 3C 70-185D8017
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TECH. DESCRIPTION:

TRI-FURCATING KIT \* TAIL LENGTH : 800mm  
 FOR 3 CORE CABLE USED WITH SCREENED SEPARABLE CONNECTORS \*  
 FOR 12.7/22kV CABLE RANGE 70-185mm SQ. \*  
 SUPPLIED COMPLETE WITH : TRI-FURCATING BOOT,  
 CORE INSULATING TUBES, EARTHING KIT, INSTRUCTION SHEET  
 AND BILL OF MATERIALS \*  
 ESKOM DRAWING No. D-DT-8017 \*

ITEM	:	TRI-FURCATING TERMINATION KIT 22kV
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MATERIAL SPECIFICATION	:	
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CORROSION SPECIFICATION	:	
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STANDARD SPECIFICATION	:	NRS 053
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ESKOM SPECIFICATION	:	34-1622
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TEST & CERTIFICATION REQUIREMENTS	:	NRS 053
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INSPECTION	Yes	No	ESKOM RELEASE NOTE	Yes	No
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IDENTIFICATION:- INDELIBLE MANUFACTURERS TRADEMARK & PART No. ON ALL ITEMS

7	11kV AND 22kV SEPARABLE CONNECTORS ADDED	P.A.T.	T. DU PLESSES	T. DU PLESSES	11.06.2014	
6	EXTENSIBLE CONNECTORS 0179497 AND 0179498 REINTRODUCED	P.A.T.	B. MWAREHWA	R. KELLY	24.05.2012	
5	CONNECTOR,SEP SCR CBL 1 22kV 630 AND CONNECTOR,SEP EXT SCR 22kV 630 ADDED	P.A.T.	B. MWAREHWA	R.KELLY	10.06.2011	

REV	REVISION DESCRIPTION	BY	CHKD	AUTH	DATE	REF. DWGS
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AUTH:	P. CROWDY	DATE:	21.12.1999	 <b>D-DT-8017</b>	SAP No:		
CHKD:	G. WHYTE	DATE:	21.12.1999		0179495		
DRAWN:	P.A. VERMAAK	DATE:	29.09.1999		0179496		
					SET	SHEET	REV
					19	19	7