


SPEC SHEET										
SAP MATERIAL No.:			0197877							
SHORT DESCRIPTION:			JOINT KIT3C44kV185CUHSL-1C185CUPILCD2871							
<p>TECH. DESCRIPTION:</p> <p>TRANSITION JOINT KIT FOR 25/44kV PAPER-INSULATED HSL 3 CORE CABLE TO PILC 1 CORE CABLE *</p> <p>3 CORE HSL CABLE DETAILS : 185mm SQUARE STRANDED COPPER CONDUCTOR * PAPER INSULATED * WITH INDIVIDUAL CORE LEAD SHEATHS * GALVANISED STEEL TAPE ARMOURED * BITUMEN IMPREGNATED HESSIAN / PVC OUTER SHEATH * SEE DRAWING D-DT-0881 (SHEET 20) *</p> <p>1 CORE PILC CABLE DETAILS : 185mm SQUARE STRANDED COPPER CONDUCTOR * PAPER-INSULATED * LEAD ALLOY E SHEATH * UNARMOURED * PVC OUTER SHEATH * SEE DRAWING D-DT-0881 (SHEET 21) *</p> <p>CONSISTS OF :</p> <p>3 OFF HEAT /COLD SHRINK 1-CORE JOINT KITS * B.I.L. = 250kV *</p> <p>SHORT TIME CURRENT (EARTH) = 20kA (1 SEC) * FIBREGLASS OUTER BOX * BLACK SEALANT TAPE (OR EQUIV.) FOR SEALING CABLE ENTRIES TO BOX * BREAK-OUT BOOT (OR EQUIV.) FOR SEALING 3-CORE HSL CABLE * BREAK-OUT BOOT (OR EQUIV.) FOR SEALING 3 x 1-CORE PILC CABLE ENTRIES INTO FIBRE GLASS OUTER BOX *</p> <p>EARTHING KIT FOR 3-CORE HSL CABLE ARMOUR TO EACH CORE LEAD SHEATH * 1 ROLL OF CLING WRAP OR EQUIVALENT ALTERNATIVE FOR COVERING OUTER SHEATH TO KEEP PARKED COMPONENTS CLEAN*</p> <p>ALL NON-CONSUMABLE MATERIAL REQUIRED TO COMPLETE JOINT (EXCLUDING COMPOUND), BILL OF MATERIALS, FULLY DIMENSIONED ASSEMBLY DRAWINGS AND INSTALLATION INSTRUCTION *BITUMEN COMPOUND TO BE EXCLUDED * TORQUE SHEAR FERRULES TO BE INCLUDED *</p> <p>SHELF LIFE : ITEMS WITH MORE THAN 1/3 OF LIFESPAN WILL NOT BE ACCEPTED *</p> <p>CABLE ACCESSORIES TO BE INDIVIDUALLY PACKED IN WOODEN/EQUIV CRATE SUITABLE FOR STORAGE OVER LONG PERIODS *</p> <p>ESKOM SAP NUMBER TO BE STENCILLED ONTO CRATE *</p> <p>CRATE TO BE CLEARLY MARKED WITH DURABLE LABEL INDICATING THE CONTENTS OF THE CRATE (PARTS LIST) *</p> <p>ALL INDIVIDUAL COMPONENTS TO BE MARKED WITH A PART NUMBER AS REFERENCED IN BILL OF MATERIALS (BOM) AND PARTS LIST *</p> <p>LOOSE COMPONENTS OR COMPONENTS SUBJECT TO DAMAGE FROM EXPOSURE TO DUST OR WATER TO BE PACKED WITHIN HERMETICALLY SEALED PLASTIC BAGS *</p> <p>DUPLICATE COPY OF INSTALLATION INSTRUCTION AND BOM TO BE INCLUDED WITH DELIVERY NOTE *</p> <p>ESKOM DRAWING No. D-DT-2871 *</p>										
ITEM			:- JOINT KIT HV 1 CORE AND 3 CORE OIL FILLED AND TRANSITION							
MATERIAL SPECIFICATION			:-							
CORROSION SPECIFICATION			:-							
STANDARD SPECIFICATION			:-							
ESKOM SPECIFICATION			:- 240-56030625; SANS 60840; D-0881; D-2870; D-8070;							
TEST & CERTIFICATION REQUIREMENTS			:-							
INSPECTION		Yes	No	ESKOM RELEASE NOTE			Yes	No		
IDENTIFICATION:- INDELIBLE MANUFACTURES TRADEMARK & PART No. ON ALL ITEMS										
10	SAP 0637243, 0637244, 0637245, 06372461C 88+132kV 3 PIECE CABLE JOINT KITS ADDED AND 0606818 CORRECTED SAP NUMBER 0675620 ADDED.			P.A.T.	Q.KHUMALO	Q.KHUMALO	28.07.2020			
9	SAP 0606817 CORRECTED FROM AL TO CU			P.A.T.	Q.KHUMALO	Q.KHUMALO	13.04.2017			
8	ADDITIONAL CABLE JOINTS ADDED			P.A.T.	Q.KHUMALO	T. DU PLESSIS	10.11.2015			
REV	REVISION DESCRIPTION			BY	CHKD	AUTH	DATE	REF. DWGS		
AUTH:	R. KELLY	DATE:	18.06.2007	SCALE NTS		  <b>D-DT-2871</b>		SAP No: 0197877		
CHKD:	R. KELLY	DATE:	18.06.2007	CAD REF: SERIES 2000				SET	SHEET	REV
DRAWN:	P.A. VERMAAK	DATE:	23.05.2007	FILE No: 2871				71	1	10


Unique Identifier:240-48887441

Revision 1

## SPEC SHEET

SAP MATERIAL No.:	0168773							
SHORT DESCRIPTION:	JOINT KIT 1C 44kV 185CU PILC STR D2871							
<p>TECH. DESCRIPTION:</p> <p>STRAIGHT JOINT KIT FOR 44kV PAPER-INSULATED 1 CORE CABLE *</p> <p>185mm SQUARE STRANDED COPPER CONDUCTOR *</p> <p>LEAD ALLOY E SHEATH * UNARMoured *</p> <p>PVC OUTER SHEATH *</p> <p>SEE DRAWING D-DT-0881 (SHEET 21) *</p> <p>CONSISTS OF :</p> <p>1 OFF HEAT/COLD SHRINK JOINT KIT *</p> <p>B.I.L. = 250kV *</p> <p>SHORT TIME CURRENT (EARTH) = 20kA (1 sec) *</p> <p>FIBREGLASS OUTER BOX *</p> <p>BLACK SEALANT TAPE (OR EQUIV.) FOR SEALING CABLE ENTRIES TO BOX *</p> <p>1 ROLL OF CLING WRAP OR EQUIVALENT ALTERNATIVE FOR COVERING OUTER SHEATH TO KEEP PARKED COMPONENTS CLEAN*</p> <p>ALL NON-CONSUMABLE MATERIAL REQUIRED TO COMPLETE JOINT (EXCLUDING COMPOUND), BILL OF MATERIALS, FULLY DIMENSIONED ASSEMBLY DRAWINGS AND INSTALLATION INSTRUCTION *</p> <p>BITUMEN COMPOUND TO BE EXCLUDED *</p> <p>TORQUE SHEAR FERRULE TO BE INCLUDED *</p> <p>IDENTIFICATION : INDELIBLE MNFRS. TRADEMARK &amp; PART NO. ON ALL ITEMS *</p> <p>CABLE ACCESSORIES TO BE INDIVIDUALLY PACKED IN SUITABLE BOX FOR STORAGE OVER LONG PERIODS *</p> <p>ESKOM SAP NUMBER TO BE STENCILLED ONTO BOX *</p> <p>BOX TO BE CLEARLY MARKED WITH DURABLE LABEL INDICATING THE CONTENTS OF THE BOX (PARTS LIST) *</p> <p>ALL INDIVIDUAL COMPONENTS TO BE MARKED WITH A PART NUMBER AS REFERENCED IN BILL OF MATERIALS (BOM) AND PARTS LIST *</p> <p>LOOSE COMPONENTS OR COMPONENTS SUBJECT TO DAMAGE FROM EXPOSURE TO DUST OR WATER TO BE PACKED WITHIN HERMETICALLY SEALED PLASTIC BAGS *</p> <p>ONE COPY OF INSTALLATION INSTRUCTION AND BOM TO BE INCLUDED IN ONE OF THE CRATES *</p> <p>DUPLICATE COPY OF INSTALLATION INSTRUCTION AND BOM TO BE INCLUDED WITH DELIVERY NOTE *</p> <p>ESKOM DRAWING No. D-DT-2871 *</p>								
10	SAP 0637243, 0637244, 0637245, 06372461C 88+132kV 3 PIECE CABLE JOINT KITS ADDED AND 0606818 CORRECTED SAP NUMBER 0675620 ADDED.		P.A.T.	Q.KHUMALO	Q.KHUMALO	28.07.2020		
9	SAP 0606817 CORRECTED FROM AL TO CU		P.A.T.	Q.KHUMALO	Q.KHUMALO	13.04.2017		
8	ADDITIONAL CABLE JOINTS ADDED		P.A.T.	Q.KHUMALO	T. DU PLESSIS	10.11.2015		
REV	REVISION DESCRIPTION		BY	CHKD	AUTH	DATE		
AUTH:	R. KELLY	DATE:	18.06.2007	 <b>D-DT-2871</b>		SAP No:		
CHKD:	R. KELLY	DATE:	18.06.2007			0168773		
DRAWN:	P.A. VERMAAK	DATE:	23.05.2007			SET	SHEET	REV
						71	2	10

## SPEC SHEET

SAP MATERIAL No.:		0606818							
SHORT DESCRIPTION:		KIT,CABLE JOINT:44KV; 3C; 185; HSL							
TECH. DESCRIPTION:									
KIT, CABLE JOINT: POTENTIAL: 44KV; 3C; 185; HSL;									
CONDUCTOR: 185 MM2; CABLE SIZE: 185 MM2;									
SPECIFICATION: ESKOM SPEC: D-0881; D-2870; D-8070;									
TYPE: TRANSITION STOP; 3C 44 KV 185 UHSL-1C 300ALXLPED2871;									
TRANSITION STOP JOINT KIT;									
FOR 25/44KV IMPREGNATED PAPER-INSULATED HSL 3 CORE CABLE TO XLPE INSULATED									
1 CORE CABLE; 3 CORE HSL CABLE DETAILS: 185 MM SQUARE STRANDED COPPER CONDUCTOR;									
PAPER INSULATED; WITH INDIVIDUAL CORE LEAD SHEATHS;									
GALVANISED STEEL TAPE ARMoured;									
BITUMEN IMPREGNATED HESSIAN/PVC OUTER SHEATH;									
SEE DRAWING D-DT-0881 (SHEET 20 OF 38); SAP NUMBER: 0171402;									
1 CORE XLPE 44KV CABLE DETAILS; 185 MM SQUARE STRANDED COPPER CONDUCTOR;									
XLPE INSULATED; CORRUGATED SEAMLESS ALUMINIUM SHEATH;									
POLYETHYLENE OUTER SHEATH; BUYERS GUIDE D-DT-2870; SAP NUMBER: 0606799;									
SUITABLE FOR SPECIALLY BONDED CABLE SHEATHS;									
FIBREGLASS OUTER BOX;									
CONSITS OF: ALL NON-CONSUMABLE MATERIAL REQUIRED TO COMPLETE JOINT;									
BILL OF MATERIALS, FULLY DIMENSIONED ASSEMBLY DRAWINGS AND INSTALATION INSTRUCTIONS;									
BITUMEN TO BE EXCLUDED; WELDING JIG TO BE INCLUDED;									
SHELF LIFE: ITEM WITH MORE 1/3 OF LIFE SPAN WILL NOT BE ACCEPTED;									
CABLE ACCESSORIES TO BE INDIVIDUALLY PACKED IN WOODEN/EQUIV CRATES SUITABLE FOR									
STORAGE OVEDR LONG PERIODS;									
ESKOM SAP NUMBER TO BE STENCILLED IN TO CRATES TOGETHER WITH CRATE NUMBER;									
EACH CRATE TO BE CLEARLY MARKED WITH DURABLE LABEL;									
INDICATING THE CONTENTS OF THE CRATE (PARTS LIST) ALL INDIVIDUAL COMPONENTS TO BE									
MARKED WITH PART NUMBER AS REFERENCED IN BILL OF MATERIAL (BOM) AND PARTS LIST;									
LOOSE COMPONENTS OR COMPONENTS SUBJECT TO DAMAGE FROM EXPOSURE TO DUST OR									
WATER TO BE PACKED WITHIN HERMETICALLY SEALED PLASTIC BAGS;									
DUPLICATE COPY OF INSTALLATION INSTRUCTION AND BOM TO BE INCLUDED									
WITH DELEVERY NOTE;									
ESKOM DRAWING No. D-DT-2871 *									
10	SAP 0637243, 0637244, 0637245, 06372461C 88+132kV 3 PIECE CABLE JOINT KITS ADDED AND 0606818 CORRECTED SAP NUMBER 0675620 ADDED.			P.A.T.	Q.KHUMALO	Q.KHUMALO	28.07.2020		
9	SAP 0606817 CORRECTED FROM AL TO CU			P.A.T.	Q.KHUMALO	Q.KHUMALO	13.04.2017		
8	ADDITIONAL CABLE JOINTS ADDED			P.A.T.	Q.KHUMALO	T. DU PLESSIS	10.11.2015		
REV	REVISION DESCRIPTION			BY	CHKD	AUTH	DATE	REF. DWGS	
AUTH:	R. KELLY	DATE:	18.06.2007	SCALE				SAP No:	
				NTS				0606818	
CHKD:	R. KELLY	DATE:	18.06.2007	CAD REF:					
				SERIES 2000				SET	SHEET
DRAWN:	P.A. VERMAAK	DATE:	23.05.2007	FILE No:		D-DT-2871		71	3
				2871					
									REV
									10

Unique Identifier:240-48887441


Revision 1

## SPEC SHEET

SAP MATERIAL No.:	0606809
SHORT DESCRIPTION:	KIT,CABLE JOINT:44KV; 1C; 185; OF

### TECH. DESCRIPTION:


KIT, CABLE JOINT: POTENTIAL: 44KV; 1C; 185; OF;  
 CONDUCTOR: 185 MM2; CABLE SIZE: 185 MM2;  
 SPECIFICATION: ESKOM SPEC: D-0881; D-2870; D-8070;  
 TYPE: TRANSITION STOP;  
 TRANSITION STOP JOINT KIT; FOR 25/44KV OIL-FILLED PAPER-INSULATED  
 1 CORE CABLE; TO PILC INSULATED 1 CORE CABLE;  
 1 CORE OIL-FILLED CABLE DETAILS: 185MM SQUARE STRANDED COPPER CONDUCTOR;  
 OIL FILLED PAPER INSULATED (PRESSURIZED);  
 CORRUGATED SEAMLESS ALUMINIUM SHEATH POLYETHYLENE OUTER SHEATH;  
 SEE DRAWING D-DT-0881 (SHEET 21 OF 38);  
 25/44KV IMPREGNATED PAPER-INSULATED 1 CORE CABLE;  
 185MM SQUARE STRANDED COPPER CONDUCTOR;  
 LEAD ALLOY 'E' SHEATH; UNARMoured; ESKOM CODE: HFL1SCV;  
 ESKOM DRAWING NO. D-DT-2870; SAP NUMBER 0171402;  
 COPPER SLEEVE WITH SHEATH INTERRUPTER/INSULATING FLANGE;  
 SUITABLE FOR SPECIALLY BONDED CABLE SHEATHS;  
 FIBREGLASS OUTER BOX; CONSISTS OF: ALL NON-CONSUMABLE MATERIAL REQUIRED  
 TO COMPLETE JOINT,  
 BILL OF MATERIALS, FULLY DIMENSIONED ASSEMBLY DRAWINGS AND INSTALLATION  
 INSTRUCTIONS;  
 BITUMEN COMPOUND TO BE EXCLUDED; WELDING JIG TO BE INCLUDED;  
 SHELF LIFE: ITEMS WITH MORE THAN 1/3 OF LIFESPAN WILL NOT BE ACCEPTED;  
 CABLE ACCESSORIES TO BE INDIVIDUALLY PACKED IN WOODEN/EQUIV CRATES;  
 SUITABLE FOR STORAGE OVER LONG PERIODS;  
 ESKOM SAP NUMBER TO BE STENCILLED ONTO CRATES TOGETHER WITH CRATE NUMBER;  
 EACH CRATE TO BE CLEARLY MARKED WITH DURABLE LABEL;  
 INDICATING THE CONTENTS OF THE CRATE (PARTS LIST);  
 ALL INDIVIDUAL COMPONENTS TO BE MARKED WITH PART NUMBER AS REFERENCED  
 IN BILL OF MATERIALS (BOM) AND PARTS LIST;  
 LOOSE COMPONENTS OR COMPONENTS SUBJECT TO DAMAGE FROM EXPOSURE TO DUST  
 OR WATER TO BE PACKED WITHIN HERMETICALLY SEALED PLASTIC BAGS;  
 DUPLICATE COPY OF INSTALLATION INSTRUCTION AND BOM TO BE INCLUDED;  
 WITH DELIVERY NOTE:  
 ESKOM DRAWING No. D-DT-2871 \*

10	SAP 0637243, 0637244, 0637245, 06372461C 88+132kV 3 PIECE CABLE JOINT KITS ADDED AND 0606818 CORRECTED SAP NUMBER 0675620 ADDED.			P.A.T.	Q.KHUMALO	Q.KHUMALO	28.07.2020			
9	SAP 0606817 CORRECTED FROM AL TO CU			P.A.T.	Q.KHUMALO	Q.KHUMALO	13.04.2017			
8	ADDITIONAL CABLE JOINTS ADDED			P.A.T.	Q.KHUMALO	T. DU PLESSIS	10.11.2015			
REV	REVISION DESCRIPTION			BY	CHKD	AUTH	DATE	REF. DWGS		
AUTH:	R. KELLY	DATE:	18.06.2007	SCALE NTS			SAP No:		0606809	
CHKD:	R. KELLY	DATE:	18.06.2007	CAD REF: SERIES 2000						
DRAWN:	P.A. VERMAAK	DATE:	23.05.2007	FILE No: 2871	D-DT-2871		SET	SHEET	REV	
							71	4	10	

Unique Identifier:240-48887441

Revision 1


## SPEC SHEET

SAP MATERIAL No.:	0606812							
SHORT DESCRIPTION:	KIT,CABLE JOINT:44KV; 1C; 185; OF							
<p>TECH. DESCRIPTION:</p> <p>KIT, CABLE JOINT: POTENTIAL: 44KV; 1C; 185; OF;</p> <p>CONDUCTOR: 185 MM2; CABLE SIZE: 185 MM2;</p> <p>SPECIFICATION: ESKOM SPEC: D-0881; D-2870; D-8070; TYPE: TRANSITION STOP;</p> <p>TRANSITION STOP JOINT KIT;</p> <p>FOR 25/44KV OIL-FILLED PAPER-INSULATED 1 CORE CABLE TO XLPE INSULATED 1 CORE CABLE;</p> <p>1 CORE OIL-FILLED CABLE DETAILS: 185MM SQUARE STRANDED COPPER CONDUCTOR;</p> <p>OIL FILLED PAPER INSULATED (PRESSURIZED);</p> <p>CORRUGATED SEAMLESS ALUMINIUM SHEATH;</p> <p>POLYETHYLENE OUTER SHEATH; SEE DRAWING D-DT-0881 (SHEET 21 OF 38);</p> <p>1 CORE XLPE 44KV CABLE DETAILS: 185MM SQUARE STRANDED COPPER CONDUCTOR;</p> <p>XLPE INSULATED; CORRUGATED SEAMLESS ALUMINIUM SHEATH;</p> <p>POLYETHYLENE OUTER SHEATH; BUYERS GUIDE D-DT-2870; SAP NUMBER: 0606799;</p> <p>COPPER SLEEVE WITH SHEATH INTERRUPTER/INSULATING FLANGE;</p> <p>SUITABLE FOR SPECIALLY BONDED CABLE SHEATHS;</p> <p>FIBREGLOSS OUTER BOX;</p> <p>CONSISTS OF: ALL ON-CONSUMABLE MATERIAL REQUIRED TO COMPLETE JOINT,</p> <p>BILL OF MATERIALS, FULLY DIMENSIONED ASSEMBLY DRAWINGS AND INSTALLATION INSTRUCTIONS;</p> <p>BITUMEN COMPOUND TO BE EXCLUDED; WELDING JIG TO BE INCLUDED;</p> <p>SHELF LIFE : ITEMS WITH MORE THAN 1/3 OF LIFESPAN WILL NOT BE ACCEPTED;</p> <p>CABLE ACCESSORIES TO BE INDIVIDUALLY PACKED IN WOODEN/EQUIV CRATES;</p> <p>SUITABLE FOR STORAGE OVER LONG PERIODS;</p> <p>ESKOM SAP NUMBER TO BE STENCILLED ONTO CRATES TOGETHER WITH CRATE NUMBER;</p> <p>EACH CRATE TO BE CLEARLY MARKED WITH DURABLE LABEL INDICATING THE CONTENTS OF THE CRATE (PARTS LIST);</p> <p>ALL INDIVIDUAL COMPONENTS TO BE MARKED WITH A PART NUMBER AS REFERENCED IN BILL OF MATERIALS (BOM) AND PARTS LIST;</p> <p>LOOSE COMPONENTS OR COMPONENTS SUBJECT TO DAMAGE FROM EXPOSURE TO DUST OR WATER TO BE PACKED WITHIN HERMETICALLY SEALED PLASTIC BAGS;</p> <p>DUPLICATE COPY OF INSTALLATION INSTRUCTION AND BOM TO BE INCLUDED;</p> <p>WITH DELIVERY NOTE:</p> <p>ESKOM DRAWING No. D-DT-2871 *</p>								
10	SAP 0637243, 0637244, 0637245, 06372461C 88+132kV 3 PIECE CABLE JOINT KITS ADDED AND 0606818 CORRECTED SAP NUMBER 0675620 ADDED.		P.A.T.	Q.KHUMALO	Q.KHUMALO	28.07.2020		
9	SAP 0606817 CORRECTED FROM AL TO CU		P.A.T.	Q.KHUMALO	Q.KHUMALO	13.04.2017		
8	ADDITIONAL CABLE JOINTS ADDED		P.A.T.	Q.KHUMALO	T. DU PLESSIS	10.11.2015		
REV	REVISION DESCRIPTION		BY	CHKD	AUTH	DATE		
AUTH:	R. KELLY	DATE:	18.06.2007	 <b>D-DT-2871</b>		SAP No:		
CHKD:	R. KELLY	DATE:	18.06.2007			0606812		
DRAWN:	P.A. VERMAAK	DATE:	23.05.2007			SET	SHEET	REV
			2871			71	5	10

Unique Identifier:240-48887441

Revision 1

## SPEC SHEET

SAP MATERIAL No.:		0169010							
SHORT DESCRIPTION:		JOINT KIT 3C 44kV 400SQ AL OF D2871							
TECH. DESCRIPTION: STRAIGHT THROUGH JOINT KIT FOR 25/44kV OIL-FILLED PAPER INSULATED 3 CORE CABLE * 400mm SQUARE STRANDED ALUMINIUM CONDUCTOR * OIL FILLED PAPER INSULATED * CARBON PAPER CONDUCTOR SCREEN * CARBON PAPER INTERLOCKED WITH ALUMINIUM TAPE CORE SCREEN CORRUGATED SEAMLESS ALUMINIUM SHEATH * PVC OUTER SHEATH * SEE D-DT-0881 (SHEET 5) * COPPER SLEEVE * FIBREGLASS OUTER BOX * CONSISTS OF : ALL NON-CONSUMABLE MATERIAL REQUIRED TO COMPLETE JOINT, BILL OF MATERIALS, FULLY DIMENSIONED ASSEMBLY DRAWINGS AND INSTALLATION INSTRUCTION * BITUMEN COMPOUND TO BE EXCLUDED * FERRULES TO BE INCLUDED * SHELF LIFE : ITEMS WITH MORE THAN 1/3 OF LIFESPAN WILL NOT BE ACCEPTED * CABLE ACCESSORIES TO BE INDIVIDUALLY PACKED IN WOODEN/EQUIV CRATES SUITABLE FOR STORAGE OVER LONG PERIODS * ESKOM SAP NUMBER TO BE STENCILLED ONTO CRATES TOGETHER WITH CRATE NUMBER * EACH CRATE TO BE CLEARLY MARKED WITH DURABLE LABEL INDICATING THE CONTENTS OF THE CRATE (PARTS LIST) * ALL INDIVIDUAL COMPONENTS TO BE MARKED WITH A PART NUMBER AS REFERENCED IN BILL OF MATERIALS (BOM) AND PARTS LIST * LOOSE COMPONENTS OR COMPONENTS SUBJECT TO DAMAGE FROM EXPOSURE TO DUST OR WATER TO BE PACKED WITHIN HERMETICALLY SEALED PLASTIC BAGS * DUPLICATE COPY OF INSTALLATION INSTRUCTION AND BOM TO BE INCLUDED WITH DELIVERY NOTE * ESKOM DRAWING No. D-DT-2871 *									
10	SAP 0637243, 0637244, 0637245, 06372461C 88+132kV 3 PIECE CABLE JOINT KITS ADDED AND 0606818 CORRECTED SAP NUMBER 0675620 ADDED.			P.A.T.	Q.KHUMALO	Q.KHUMALO	28.07.2020		
9	SAP 0606817 CORRECTED FROM AL TO CU			P.A.T.	Q.KHUMALO	Q.KHUMALO	13.04.2017		
8	ADDITIONAL CABLE JOINTS ADDED			P.A.T.	Q.KHUMALO	T. DU PLESSIS	10.11.2015		
REV	REVISION DESCRIPTION			BY	CHKD	AUTH	DATE	REF. DWGS	
AUTH:	R. KELLY	DATE:	18.06.2007	SCALE NTS	 <b>D-DT-2871</b>		SAP No:		
CHKD:	R. KELLY	DATE:	18.06.2007	CAD REF: SERIES 2000			0169010		
DRAWN:	P.A. VERMAAK	DATE:	23.05.2007	FILE No: 2871			SET	SHEET	REV
						71	6	10	


Unique Identifier:240-48887441

Revision 1

## SPEC SHEET

SAP MATERIAL No.:	0168914
SHORT DESCRIPTION:	JOINT KIT 3C 44kV 400SQ AL OF STOP D2871

TECH. DESCRIPTION:  
 STOP JOINT KIT FOR 25/44kV OIL-FILLED PAPER INSULATED 3 CORE CABLE \*  
 400mm SQUARE STRANDED ALUMINIUM CONDUCTOR \*  
 OIL FILLED PAPER INSULATED \*  
 CARBON PAPER CONDUCTOR SCREEN \*  
 CARBON PAPER INTERLOCKED WITH ALUMINIUM TAPE CORE SCREEN \*  
 CORRUGATED SEAMLESS ALUMINIUM SHEATH \*  
 PVC OUTER SHEATH \*  
 SEE D-DT-0881 (SHEET 5) \*  
 COPPER SLEEVE WITH SHEATH INTERRUPTER/INSULATING FLANGE \*  
 FIBREGLASS OUTER BOX \*  
 CONSISTS OF : ALL NON-CONSUMABLE MATERIAL REQUIRED TO COMPLETE JOINT, BILL OF MATERIALS, FULLY DIMENSIONED ASSEMBLY DRAWINGS AND INSTALLATION INSTRUCTION \*  
 BITUMEN COMPOUND TO BE EXCLUDED \*  
 FERRULES TO BE INCLUDED \*  
 SHELF LIFE : ITEMS WITH MORE THAN 1/3 OF LIFESPAN WILL NOT BE ACCEPTED \*  
 CABLE ACCESSORIES TO BE INDIVIDUALLY PACKED IN WOODEN/EQUIV CRATES  
 SUITABLE FOR STORAGE OVER LONG PERIODS \*  
 ESKOM SAP NUMBER TO BE STENCILLED ONTO CRATES TOGETHER WITH CRATE NUMBER \*  
 EACH CRATE TO BE CLEARLY MARKED WITH DURABLE LABEL  
 INDICATING THE CONTENTS OF THE CRATE (PARTS LIST) \*  
 ALL INDIVIDUAL COMPONENTS TO BE MARKED WITH A PART NUMBER AS  
 REFERENCED IN BILL OF MATERIALS (BOM) AND PARTS LIST \*  
 LOOSE COMPONENTS OR COMPONENTS SUBJECT TO DAMAGE FROM EXPOSURE  
 TO DUST OR WATER TO BE PACKED WITHIN HERMETICALLY SEALED PLASTIC BAGS \*  
 DUPLICATE COPY OF INSTALLATION INSTRUCTION AND BOM  
 TO BE INCLUDED WITH DELIVERY NOTE \*  
 ESKOM DRAWING No. D-DT-2871 \*


10	SAP 0637243, 0637244, 0637245, 06372461C 88+132kV 3 PIECE CABLE JOINT KITS ADDED AND 0606818 CORRECTED SAP NUMBER 0675620 ADDED.			P.A.T.	Q.KHUMALO	Q.KHUMALO	28.07.2020			
9	SAP 0606817 CORRECTED FROM AL TO CU			P.A.T.	Q.KHUMALO	Q.KHUMALO	13.04.2017			
8	ADDITIONAL CABLE JOINTS ADDED			P.A.T.	Q.KHUMALO	T. DU PLESSIS	10.11.2015			
REV	REVISION DESCRIPTION			BY	CHKD	AUTH	DATE	REF. DWGS		
AUTH:	R. KELLY		DATE:	18.06.2007			SAP No:			
							0168914			
CHKD:	R. KELLY		DATE:	18.06.2007	D-DT-2871		SET		SHEET	REV
							71		7	10
DRAWN:	P.A. VERMAAK		DATE:	23.05.2007						

Unique Identifier:240-48887441

Revision 1



## SPEC SHEET


SAP MATERIAL No.:		0169172							
SHORT DESCRIPTION:		JOINT KIT 3C 44kV 400SQ AL OF TRIF D2871							
TECH. DESCRIPTION: TRIFURCATING JOINT KIT FOR 25/44kV OIL-FILLED PAPER INSULATED 3 CORE CABLE * 400mm SQUARE STRANDED ALUMINIUM CONDUCTOR * OIL FILLED PAPER INSULATED * CARBON PAPER CONDUCTOR SCREEN * CARBON PAPER INTERLOCKED WITH ALUMINIUM TAPE CORE SCREEN CORRUGATED SEAMLESS ALUMINIUM SHEATH * PVC OUTER SHEATH * SEE D-DT-0881 (SHEET 5) FOR 3 CORE CABLE AND SEE D-DT-0881 (SHEET 8) FOR 1 CORE CABLE * COPPER SLEEVE * SUITABLE FOR SPECIALLY BONDED CABLE SHEATHS * FIBREGLASS OUTER BOX * CONSISTS OF : ALL NON-CONSUMABLE MATERIAL REQUIRED TO COMPLETE JOINT, BILL OF MATERIALS, FULLY DIMENSIONED ASSEMBLY DRAWINGS AND INSTALLATION INSTRUCTION * BITUMEN COMPOUND TO BE EXCLUDED * FERRULES TO BE INCLUDED * SHELF LIFE : ITEMS WITH MORE THAN 1/3 OF LIFESPAN WILL NOT BE ACCEPTED * CABLE ACCESSORIES TO BE INDIVIDUALLY PACKED IN WOODEN/EQUIV CRATES SUITABLE FOR STORAGE OVER LONG PERIODS * ESKOM SAP NUMBER TO BE STENCILLED ONTO CRATES TOGETHER WITH CRATE NUMBER * EACH CRATE TO BE CLEARLY MARKED WITH DURABLE LABEL INDICATING THE CONTENTS OF THE CRATE (PARTS LIST) * ALL INDIVIDUAL COMPONENTS TO BE MARKED WITH A PART NUMBER AS REFERENCED IN BILL OF MATERIALS (BOM) AND PARTS LIST * LOOSE COMPONETS OR COMPONENTS SUBJECT TO DAMAGE FROM EXPOSURE TO DUST OR WATER TO BE PACKED WITHIN HERMETICALLY SEALED PLASTIC BAGS * DUPLICATE COPY OF INSTALLATION INSTRUCTION AND BOM TO BE INCLUDED WITH DELIVERY NOTE * ESKOM DRAWING No. D-DT-2871 *									
10	SAP 0637243, 0637244, 0637245, 06372461C 88+132kV 3 PIECE CABLE JOINT KITS ADDED AND 0606818 CORRECTED SAP NUMBER 0675620 ADDED.			P.A.T.	Q.KHUMALO	Q.KHUMALO	28.07.2020		
9	SAP 0606817 CORRECTED FROM AL TO CU			P.A.T.	Q.KHUMALO	Q.KHUMALO	13.04.2017		
8	ADDITIONAL CABLE JOINTS ADDED			P.A.T.	Q.KHUMALO	T. DU PLESSIS	10.11.2015		
REV	REVISION DESCRIPTION			BY	CHKD	AUTH	DATE	REF. DWGS	
AUTH:	R. KELLY	DATE:	18.06.2007	SCALE NTS		 <b>D-DT-2871</b>		SAP No: 0169172	
CHKD:	R. KELLY	DATE:	18.06.2007	CAD REF: SERIES 2000				SET	SHEET
DRAWN:	P.A. VERMAAK	DATE:	23.05.2007	FILE No: 2871		71	8	10	

Unique Identifier:240-48887441

Revision 1




## SPEC SHEET

SAP MATERIAL No.:		0246791								
SHORT DESCRIPTION:		JOINT KIT 3C 44kV 400OF-1C 500XLPED2871								
TECH. DESCRIPTION:										
TRANSITION STOP JOINT KIT FOR 25/44kV OIL-FILLED PAPER-INSULATED 3 CORE CABLE TO XLPE INSULATED 1 CORE CABLE *										
3 CORE OIL-FILLED CABLE DETAILS : 400mm SQUARE STRANDED ALUMINIUM CONDUCTOR *										
OIL FILLED PAPER INSULATED (PRESSURIZED) *										
CORRUGATED SEAMLESS ALUMINIUM SHEATH *										
PVC OUTER SHEATH *										
SEE DRAWING D-DT-0881 (SHEET 5) *										
1 CORE XLPE CABLE DETAILS : 500mm SQUARE STRANDED ALUMINIUM CONDUCTOR *										
XLPE INSULATED *										
CORRUGATED SEAMLESS ALUMINIUM SHEATH *										
POLYETHYLENE OUTER SHEATH *										
SEE DRAWING D-DT-0881 (SHEET 36) *										
COPPER SLEEVE WITH SHEATH INTERRUPTER/INSULATING FLANGE *										
SUITABLE FOR SPECIALLY BONDED CABLE SHEATHS *										
FIBREGLASS OUTER BOX *										
CONSISTS OF : ALL NON-CONSUMABLE MATERIAL REQUIRED TO COMPLETE JOINT, BILL OF MATERIALS, FULLY DIMENSIONED ASSEMBLY DRAWINGS AND INSTALLATION INSTRUCTIONS *										
BITUMEN COMPOUND TO BE EXCLUDED *										
WELDING JIG TO BE INCLUDED *										
SHELF LIFE : ITEMS WITH MORE THAN 1/3 OF LIFESPAN WILL NOT BE ACCEPTED *										
CABLE ACCESSORIES TO BE INDIVIDUALLY PACKED IN WOODEN/EQUIV CRATES										
SUITABLE FOR STORAGE OVER LONG PERIODS *										
ESKOM SAP NUMBER TO BE STENCILLED ONTO CRATES TOGETHER WITH CRATE NUMBER *										
EACH CRATE TO BE CLEARLY MARKED WITH DURABLE LABEL										
INDICATING THE CONTENTS OF THE CRATE (PARTS LIST) *										
ALL INDIVIDUAL COMPONENTS TO BE MARKED WITH A PART NUMBER AS										
REFERENCED IN BILL OF MATERIALS (BOM) AND PARTS LIST *										
LOOSE COMPONENTS OR COMPONENTS SUBJECT TO DAMAGE FROM EXPOSURE										
TO DUST OR WATER TO BE PACKED WITHIN HERMETICALLY SEALED PLASTIC BAGS *										
DUPLICATE COPY OF INSTALLATION INSTRUCTION AND BOM										
TO BE INCLUDED WITH DELIVERY NOTE *										
ESKOM DRAWING No. D-DT-2871 *										
10	SAP 0637243, 0637244, 0637245, 06372461C 88+132kV 3 PIECE CABLE JOINT KITS ADDED AND 0606818 CORRECTED SAP NUMBER 0675620 ADDED.			P.A.T.	Q.KHUMALO	Q.KHUMALO	28.07.2020			
9	SAP 0606817 CORRECTED FROM AL TO CU			P.A.T.	Q.KHUMALO	Q.KHUMALO	13.04.2017			
8	ADDITIONAL CABLE JOINTS ADDED			P.A.T.	Q.KHUMALO	T. DU PLESSIS	10.11.2015			
REV	REVISION DESCRIPTION			BY	CHKD	AUTH	DATE	REF. DWGS		
AUTH:	R. KELLY	DATE:	18.06.2007	SCALE		 <b>D-DT-2871</b>		SAP No:		
				NTS				0246791		
CHKD:	R. KELLY	DATE:	18.06.2007	CAD REF:				SET	SHEET	REV
				SERIES 2000						
DRAWN:	P.A. VERMAAK	DATE:	23.05.2007	FILE No:						
				2871				71	9	
									10	

Unique Identifier:240-48887441

Revision 1

## SPEC SHEET


SAP MATERIAL No.:	0606808									
SHORT DESCRIPTION:	KIT,CABLE JOINT:44KV; 1C; 400; OF									
<p>TECH. DESCRIPTION:</p> <p>KIT, CABLE JOINT: POTENTIAL: 44KV; 1C; 400; OF;</p> <p>CONDUCTOR: 400 MM2; CABLE SIZE: 400 MM2;</p> <p>SPECIFICATION: ESKOM SPEC: D-0881; D-2870; D-8070; TYPE: TRANSITION STOP;</p> <p>FOR 25/44KV OIL FILLED PAPER INSULATED;</p> <p>1 CORE CABLE; TO XLPE INSULATED 1 CORE CABLE;</p> <p>1 CORE OIL FILLED CABLE DETAILS: 400MM2 STRANDED ALUMINIUM CONDUCTOR;</p> <p>OIL FILLED PAPER INSULATED (PRESSURIZED);</p> <p>CORRUGATED SEAMLESS ALUMINIUM SHEATH;</p> <p>POLYETHYLENE OUTER SHEATH; SEE DRAWING D-0881 (SHEET 8 OF 38);</p> <p>1 CORE XLPE CABLE DETAILS: 400MM2 STRANDED ALUMINIUM CONDUCTOR;</p> <p>XLPE INSULATED; BUYERS GUIDE: D-2870; SAP NUMBER: 0190224;</p> <p>COPPER SLEEVE; WITH SHEATH INTERRUPTER/INSULATING FLANGE;</p> <p>SUITABLE FOR SPECIALLY BONDED CABLE SHEATHS;</p> <p>FIBRE GLASS OUTER BOX;</p> <p>CONSISTS OF: ALL NON- CONSUMABLE MATERIAL REQUIRED TO COMPLETE JOINT,</p> <p>BILL OF MATERIALS, FULLY DIMENSIONED ASSEMBLY DRAWINGS AND</p> <p>INSTALLATION INSTRUCTIONS;</p> <p>BITUMEN COMPOUND TO BE EXCLUDED; WELDING JIG TO BE INCLUDED;</p> <p>SHELF LIFE: ITEMS WITH MORE THAN 1/3 THE LIFESPAN WILL NOT BE ACCEPTED;</p> <p>CABLE ACCESSORIES TO BE INDIVIDUALLY PACKED IN WOODEN/EQUIV CRATES;</p> <p>SUITABLE FOR STORAGE OVER LONG PERIODS;</p> <p>ESKOM SAP NUMBER TO STENCILLED IN CRATES TOGETHER WITH CRATE NUMBER;</p> <p>EACH CRATE TO BE MARKED WITH DURABLE LABEL;</p> <p>INDICATING THE CONTENTS OF THE CRATE (PARTS LIST);</p> <p>ALL INDIVIDUAL COMPONENTS TO BE MARKED WITH PART NUMBER AS</p> <p>REFERENCED IN BILL OF MATERIALS (BOM) AND PARTS LIST;</p> <p>LOOSE COMPONENTS OR COMPONENTS SUBJECT TO DAMAGE FROM EXPOSURE;</p> <p>TO DUST OR WATER TO BE PACKED WITHIN HERMETICALLY SEALED PLASTIC BAGS;</p> <p>DUPLICATE COPY OF INSTALLATION INSTRUCTION AND BOM TO BE INCLUDED;</p> <p>WITH DELIVERY NOTE:</p> <p>ESKOM DRAWING No. D-DT-2871 *</p>										
10	SAP 0637243, 0637244, 0637245, 06372461C 88+132kV 3 PIECE CABLE JOINT KITS ADDED AND 0606818 CORRECTED SAP NUMBER 0675620 ADDED.			P.A.T.	Q.KHUMALO	Q.KHUMALO				
9	SAP 0606817 CORRECTED FROM AL TO CU			P.A.T.	Q.KHUMALO	Q.KHUMALO	13.04.2017			
8	ADDITIONAL CABLE JOINTS ADDED			P.A.T.	Q.KHUMALO	T. DU PLESSIS	10.11.2015			
REV	REVISION DESCRIPTION			BY	CHKD	AUTH	DATE	REF. DWGS		
AUTH:	R. KELLY	DATE:	18.06.2007	SCALE NTS		  <b>D-DT-2871</b>		SAP No: 0606808		
CHKD:	R. KELLY	DATE:	18.06.2007	CAD REF: SERIES 2000				SET	SHEET	REV
DRAWN:	P.A. VERMAAK	DATE:	23.05.2007	FILE No: 2871				71	10	10

## SPEC SHEET

SAP MATERIAL No.:	0606807
SHORT DESCRIPTION:	KIT,CABLE JOINT:44KV; 3C; 400; OF

### TECH. DESCRIPTION:


KIT, CABLE JOINT: POTENTIAL: 44KV; 3C; 400; OF;  
 CONDUCTOR: 400-500XLPE MM2; CABLE SIZE: 400 (CIRCULAR); OR 260 (OVAL) MM2;  
 SPECIFICATION: ESKOM SPEC: D-0881; D-2870; D-8070;  
 TYPE: TRANSITION STOP; FOR 25/44KV OIL FILLED PAPER INSULATED;  
 3 CORE CABLE; TO XLPE INSULATED 1 CORE CABLE;  
 3 CORE OIL FILLED CABLE DETAILS: 400MM2 (CIRCULAR);  
 260MM2 STRANDED ALUMINIUM CONDUCTOR;  
 OIL FILLED PAPER INSULATED (PRESSURIZED);  
 CORRUGATED SEAMLESS ALUMINIUM SHEATH;  
 POLYETHYLENE OUTER SHEATH; SEE DRAWING D-0881 (SHEET 14 OF 38);  
 SAP NUMBER: 0190102 D-2870; 1 CORE XLPE CABLE DETAILS: 500MM2 STRANDED ALUMINIUM CONDUCTOR;  
 XLPE INSULATED; BUYERS GUIDE: D-8070; SAP NUMBER: 0186924;  
 COPPER SLEEVE; WITH SHEATH INTERRUPTER/INSULATING FLANGE;  
 SUITABLE FOR SPECIALLY BONDED CABLE SHEATHS; FIBRE GLASS OUTER BOX;  
 CONSISTS OF: ALL NON- CONSUMABLE MATERIAL REQUIRED TO COMPLETE JOINT,  
 BILL OF MATERIALS, FULLY DIMENSIONED ASSEMBLY DRAWINGS AND INSTALATION INSTRUCTIONS;  
 BITUMEN COMPOUND TO BE EXCLUDED; WELDING JIG TO BE INCLUDED;  
 SHELF LIFE: ITEMS WITH MORE THAN 1/3 THE LIFESPAN WILL NOT BE ACCEPTED;  
 CABLE ACCESSORIES TO BE INDIVIDUALLY PACKED IN WOODEN/EQUIV CRATES;  
 SUITABLE FOR STORAGE OVER LONG PERIODS;  
 ESKOM SAP NUMBER TO STENCILLED IN CRATES TOGETHER WITH CRATE NUMBER;  
 EACH CRATE TO BE MARKED WITH DURABLE LABEL;  
 INDICATING THE CONTENTS OF THE CRATE (PARTS LIST);  
 ALL INDIVIDUAL COMPONENTS TO BE MARKED WITH PART NUMBER AS REFERENCED IN  
 BILL OF MATERIALS (BOM) AND PARTS LIST;  
 LOOSE COMPONENTS OR COMPONENTS SUBJECT TO DAMAGE FROM EXPOSURE;  
 TO DUST OR WATER TO BE PACKED WITHIN HERMETICALLY SEALED PLASTIC BAGS;  
 DUPLICATE COPY OF INSTALATION INSTRUCTION AND BOM TO BE INCLUDED;  
 WITH DELIVERY NOTE:  
 ESKOM DRAWING No. D-DT-2871 \*

10	SAP 0637243, 0637244, 0637245, 06372461C 88+132kV 3 PIECE CABLE JOINT KITS ADDED AND 0606818 CORRECTED SAP NUMBER 0675620 ADDED.			P.A.T.	Q.KHUMALO	Q.KHUMALO	28.07.2020			
9	SAP 0606817 CORRECTED FROM AL TO CU			P.A.T.	Q.KHUMALO	Q.KHUMALO	13.04.2017			
8	ADDITIONAL CABLE JOINTS ADDED			P.A.T.	Q.KHUMALO	T. DU PLESSIS	10.11.2015			
REV	REVISION DESCRIPTION			BY	CHKD	AUTH	DATE	REF. DWGS		
AUTH:	R. KELLY	DATE:	18.06.2007	SCALE		SAP No:		0606807		
				NTS						
CHKD:	R. KELLY	DATE:	18.06.2007	CAD REF:		D-DT-2871	SET		SHEET	REV
				SERIES 2000						
DRAWN:	P.A. VERMAAK	DATE:	23.05.2007	FILE No:	71		11	10		
				2871						

Unique Identifier:240-48887441

Revision 1

## SPEC SHEET

SAP MATERIAL No.:		0606810							
SHORT DESCRIPTION:		KIT,CABLE JOINT:66KV; 1C; 710; OF							
TECH. DESCRIPTION:									
KIT, CABLE JOINT: POTENTIAL: 66KV; 1C; 710; OF;									
CONDUCTOR: 710 MM2; CABLE SIZE: 710 MM2;									
SPECIFICATION: ESKOM SPEC: D-0881; D-2870; D-8070; TYPE: TRANSITION STOP;									
TRANSITION STOP JOINT KIT;									
FOR 38/66KV OIL-FILLED PAPER-INSULATED 1 CORE CABLE TO XLPE INSULATED 1 CORE CABLE;									
1 CORE OIL-FILLED CABLE DETAILS: 710MM SQUARE STRANDED ALUMINIUM CONDUCTOR;									
OIL FILLED PAPER INSULATED (PRESSURIZED);									
CORRUGATED SEAMLESS ALUMINIUM SHEATH;									
POLYETHYLENE OUTER SHEATH; SEE DRAWING D-DT-0881 (SHEET 25 OF 38 );									
SAP NUMBER 0236341;									
1 CORE XLPE CABLE DETAILS: 1000MM SQUARE STRANDED ALUMINIUM CONDUCTOR;									
XLPE INSULATED; CORRUGATED SEAMLESS ALUMINIUM SHEATH;									
POLYETHYLENE OUTER SHEATH; BUYERS GUIDE D-DT-8070; SAP NUMBER: 0186927;									
COPPER SLEEVE WITH SHEATH INTERRUPTER/INSULATING FLANGE;									
SUITABLE FOR SPECIALLY BONDED CABLE SHEATHS;									
FIBREGLASS OUTER BOX;									
CONSISTS OF: ALL NON-CONSUMABLE MATERIAL REQUIRED TO COMPLETE JOINT,									
BILL OF MATERIALS, FULLY DIMENSIONED ASSEMBLY DRAWINGS AND									
INSTALLATION INSTRUCTIONS;									
BITUMEN COMPOUND TO BE EXCLUDED; WELDING JIG TO BE INCLUDED;									
SHELF LIFE: ITEMS WITH MORE THAN 1/3 OF LIFESPAN WILL NOT BE ACCEPTED;									
CABLE ACCESSORIES TO BE INDIVIDUALLY PACKED IN WOODEN/EQUIV CRATES									
SUITABLE FOR STORAGE OVER LONG PERIODS; ESKOM SAP NUMBER TO BE STENCILLED ONTO									
CRATES TOGETHER WITH CRATE NUMBER;									
EACH CRATE TO BE CLEARLY MARKED WITH DURABLE LABEL INDICATING THE CONTENTS OF THE									
CRATE (PARTS LIST);									
ALL INDIVIDUAL COMPONENTS TO BE MARKED WITH A PART NUMBER AS REFERENCED									
IN BILL OF MATERIALS (BOM) AND PARTS LIST;									
LOOSE COMPONENTS OR COMPONENTS SUBJECT TO DAMAGE FROM EXPOSURE TO DUST OR									
WATER TO BE PACKED WITHIN HERMETICALLY SEALED PLASTIC BAGS;									
DUPLICATE COPY OF INSTALLATION INSTRUCTION AND									
BOM TO BE INCLUDED WITH DELIVERY NOTE:									
ESKOM DRAWING No. D-DT-2871 *									
10	SAP 0637243, 0637244, 0637245, 06372461C 88+132kV 3 PIECE CABLE JOINT KITS ADDED AND 0606818 CORRECTED SAP NUMBER 0675620 ADDED.			P.A.T.	Q.KHUMALO	Q.KHUMALO	28.07.2020		
9	SAP 0606817 CORRECTED FROM AL TO CU			P.A.T.	Q.KHUMALO	Q.KHUMALO	13.04.2017		
8	ADDITIONAL CABLE JOINTS ADDED			P.A.T.	Q.KHUMALO	T. DU PLESSIS	10.11.2015		
REV	REVISION DESCRIPTION			BY	CHKD	AUTH	DATE	REF. DWGS	
AUTH:	R. KELLY	DATE:	18.06.2007	SCALE NTS			SAP No:		
CHKD:	R. KELLY	DATE:	18.06.2007	CAD REF: SERIES 2000			0606810		
DRAWN:	P.A. VERMAAK	DATE:	23.05.2007	FILE No: 2871	D-DT-2871		SET	SHEET	REV
							71	12	10

## SPEC SHEET

SAP MATERIAL No.:		0234586						
SHORT DESCRIPTION:		JOINT KIT 3C 66kV 300SQ AL OF D2871						
TECH. DESCRIPTION: STRAIGHT THROUGH JOINT KIT FOR 38/66kV OIL-FILLED PAPER INSULATED 3 CORE CABLE * 300mm SQUARE STRANDED ALUMINIUM CONDUCTOR * OIL FILLED PAPER INSULATED * CARBON PAPER CONDUCTOR SCREEN * CARBON PAPER INTERLOCKED WITH ALUMINIUM TAPE CORE SCREEN CORRUGATED SEAMLESS ALUMINIUM SHEATH * PE OUTER SHEATH * SEE D-DT-0881 (SHEET 23) * COPPER SLEEVE * FIBREGLASS OUTER BOX * CONSISTS OF : ALL NON-CONSUMABLE MATERIAL REQUIRED TO COMPLETE JOINT, BILL OF MATERIALS, FULLY DIMENSIONED ASSEMBLY DRAWINGS AND INSTALLATION INSTRUCTION * BITUMEN COMPOUND TO BE EXCLUDED * WELDING JIG TO BE INCLUDED * SHELF LIFE : ITEMS WITH MORE THAN 1/3 OF LIFESPAN WILL NOT BE ACCEPTED * CABLE ACCESSORIES TO BE INDIVIDUALLY PACKED IN WOODEN/EQUIV CRATES SUITABLE FOR STORAGE OVER LONG PERIODS * ESKOM SAP NUMBER TO BE STENCILLED ONTO CRATES TOGETHER WITH CRATE NUMBER * EACH CRATE TO BE CLEARLY MARKED WITH DURABLE LABEL INDICATING THE CONTENTS OF THE CRATE (PARTS LIST) * ALL INDIVIDUAL COMPONENTS TO BE MARKED WITH A PART NUMBER AS REFERENCED IN BILL OF MATERIALS (BOM) AND PARTS LIST * LOOSE COMPONENTS OR COMPONENTS SUBJECT TO DAMAGE FROM EXPOSURE TO DUST OR WATER TO BE PACKED WITHIN HERMETICALLY SEALED PLASTIC BAGS * DUPLICATE COPY OF INSTALLATION INSTRUCTION AND BOM TO BE INCLUDED WITH DELIVERY NOTE * ESKOM DRAWING No. D-DT-2871 *								
10	SAP 0637243, 0637244, 0637245, 06372461C 88+132kV 3 PIECE CABLE JOINT KITS ADDED AND 0606818 CORRECTED SAP NUMBER 0675620 ADDED.			P.A.T.	Q.KHUMALO	Q.KHUMALO	28.07.2020	
9	SAP 0606817 CORRECTED FROM AL TO CU			P.A.T.	Q.KHUMALO	Q.KHUMALO	13.04.2017	
8	ADDITIONAL CABLE JOINTS ADDED			P.A.T.	Q.KHUMALO	T. DU PLESSIS	10.11.2015	
REV	REVISION DESCRIPTION			BY	CHKD	AUTH	DATE	REF. DWGS
AUTH:	R. KELLY	DATE:	18.06.2007	SCALE NTS		SAP No: 0234586		
CHKD:	R. KELLY	DATE:	18.06.2007	CAD REF: SERIES 2000				
DRAWN:	P.A. VERMAAK	DATE:	23.05.2007	FILE No: 2871		D-DT-2871		
						71	13	10


Unique Identifier:240-48887441

Revision 1

## SPEC SHEET

SAP MATERIAL No.:	0234588
SHORT DESCRIPTION:	JOINT KIT 3C 66kV 300SQ AL OF STOP D2871

TECH. DESCRIPTION:  
 STOP JOINT KIT FOR 38/66kV OIL-FILLED PAPER INSULATED 3 CORE CABLE \*  
 300mm SQUARE STRANDED ALUMINIUM CONDUCTOR \*  
 OIL FILLED PAPER INSULATED \*  
 CARBON PAPER CONDUCTOR SCREEN \*  
 CARBON PAPER INTERLOCKED WITH ALUMINIUM TAPE CORE SCREEN \*  
 CORRUGATED SEAMLESS ALUMINIUM SHEATH \*  
 PE OUTER SHEATH \*  
 SEE D-DT-0881 (SHEET 23) \*  
 COPPER SLEEVE WITH SHEATH INTERRUPTER/INSULATING FLANGE \*  
 FIBREGLASS OUTER BOX \*  
 CONSISTS OF : ALL NON-CONSUMABLE MATERIAL REQUIRED TO COMPLETE JOINT, BILL OF MATERIALS, FULLY DIMENSIONED ASSEMBLY DRAWINGS AND INSTALLATION INSTRUCTION \*  
 BITUMEN COMPOUND TO BE EXCLUDED \*  
 WELDING JIG TO BE INCLUDED \*  
 SHELF LIFE : ITEMS WITH MORE THAN 1/3 OF LIFESPAN WILL NOT BE ACCEPTED \*  
 CABLE ACCESSORIES TO BE INDIVIDUALLY PACKED IN WOODEN/EQUIV CRATES  
 SUITABLE FOR STORAGE OVER LONG PERIODS \*  
 ESKOM SAP NUMBER TO BE STENCILLED ONTO CRATES TOGETHER WITH CRATE NUMBER \*  
 EACH CRATE TO BE CLEARLY MARKED WITH DURABLE LABEL  
 INDICATING THE CONTENTS OF THE CRATE (PARTS LIST) \*  
 ALL INDIVIDUAL COMPONENTS TO BE MARKED WITH A PART NUMBER AS  
 REFERENCED IN BILL OF MATERIALS (BOM) AND PARTS LIST \*  
 LOOSE COMPONENTS OR COMPONENTS SUBJECT TO DAMAGE FROM EXPOSURE  
 TO DUST OR WATER TO BE PACKED WITHIN HERMETICALLY SEALED PLASTIC BAGS \*  
 DUPLICATE COPY OF INSTALLATION INSTRUCTION AND BOM  
 TO BE INCLUDED WITH DELIVERY NOTE \*  
 ESKOM DRAWING No. D-DT-2871 \*

10	SAP 0637243, 0637244, 0637245, 06372461C 88+132kV 3 PIECE CABLE JOINT KITS ADDED AND 0606818 CORRECTED SAP NUMBER 0675620 ADDED.	P.A.T.	Q.KHUMALO	Q.KHUMALO	28.07.2020	
9	SAP 0606817 CORRECTED FROM AL TO CU	P.A.T.	Q.KHUMALO	Q.KHUMALO	13.04.2017	
8	ADDITIONAL CABLE JOINTS ADDED	P.A.T.	Q.KHUMALO	T. DU PLESSIS	10.11.2015	
REV	REVISION DESCRIPTION	BY	CHKD	AUTH	DATE	REF. DWGS
AUTH:	R. KELLY	DATE:	18.06.2007	 <b>D-DT-2871</b>	SAP No:	
CHKD:	R. KELLY	DATE:	18.06.2007		0234588	
DRAWN:	P.A. VERMAAK	DATE:	23.05.2007		SET	SHEET
					71	14
						10

Unique Identifier:240-48887441

Revision 1

## SPEC SHEET

SAP MATERIAL No.:	0234589
SHORT DESCRIPTION:	BOX,SPLITTER 3C 66kV 300SQ AL OF D2871

### TECH. DESCRIPTION:

SPLITTER BOX FOR 38/66kV OIL-FILLED PAPER INSULATED

3 CORE CABLE \*

300mm SQUARE STRANDED ALUMINIUM CONDUCTOR \*

OIL FILLED PAPER INSULATED \*

CARBON PAPER CONDUCTOR SCREEN \*

CARBON PAPER INTERLOCKED WITH ALUMINIUM TAPE CORE SCREEN

CORRUGATED SEAMLESS ALUMINIUM SHEATH \*

PE OUTER SHEATH \*

SEE D-DT-0881 (SHEET 23) \*

CONSISTS OF : SPLITTER BOX AND 3 OFF 15m LONG OUTER PROTECTION SHEATHS,  
ALL NON-CONSUMABLE MATERIAL REQUIRED TO COMPLETE JOINT, BILL OF MATERIALS, FULLY  
DIMENSIONED ASSEMBLY DRAWINGS AND INSTALLATION INSTRUCTION \*

SHELF LIFE : ITEMS WITH MORE THAN 1/3 OF LIFESPAN WILL NOT BE ACCEPTED \*

CABLE ACCESSORIES TO BE INDIVIDUALLY PACKED IN WOODEN/EQUIV CRATES

SUITABLE FOR STORAGE OVER LONG PERIODS \*

ESKOM SAP NUMBER TO BE STENCILLED ONTO CRATES TOGETHER WITH CRATE NUMBER \*

EACH CRATE TO BE CLEARLY MARKED WITH DURABLE LABEL

INDICATING THE CONTENTS OF THE CRATE (PARTS LIST) \*

ALL INDIVIDUAL COMPONENTS TO BE MARKED WITH A PART NUMBER AS

REFERENCED IN BILL OF MATERIALS (BOM) AND PARTS LIST \*


LOOSE COMPONENTS OR COMPONENTS SUBJECT TO DAMAGE FROM EXPOSURE

TO DUST OR WATER TO BE PACKED WITHIN HERMETICALLY SEALED PLASTIC BAGS \*

DUPLICATE COPY OF INSTALLATION INSTRUCTION AND BOM

TO BE INCLUDED WITH DELIVERY NOTE \*

ESKOM DRAWING No. D-DT-2871 \*

10	SAP 0637243, 0637244, 0637245, 06372461C 88+132kV 3 PIECE CABLE JOINT KITS ADDED AND 0606818 CORRECTED SAP NUMBER 0675620 ADDED.	P.A.T.	Q.KHUMALO	Q.KHUMALO	28.07.2020	
9	SAP 0606817 CORRECTED FROM AL TO CU	P.A.T.	Q.KHUMALO	Q.KHUMALO	13.04.2017	
8	ADDITIONAL CABLE JOINTS ADDED	P.A.T.	Q.KHUMALO	T. DU PLESSIS	10.11.2015	
REV	REVISION DESCRIPTION	BY	CHKD	AUTH	DATE	REF. DWGS
AUTH:	R. KELLY	DATE:	18.06.2007	 <b>D-DT-2871</b>		SAP No:
						0234589
CHKD:	R. KELLY	DATE:	18.06.2007			SET
						SHEET
DRAWN:	P.A. VERMAAK	DATE:	23.05.2007			REV
						71
						15
						10

Unique Identifier:240-48887441

Revision 1



## SPEC SHEET

SAP MATERIAL No.:	0234590
SHORT DESCRIPTION:	JOINT KIT 3C 66kV 300 OF-1C500 XLPED2871

TECH. DESCRIPTION:

TRANSITION STOP JOINT KIT FOR 38/66kV OIL-FILLED PAPER-INSULATED 3 CORE CABLE  
TO XLPE INSULATED 1 CORE CABLE \*

3 CORE OIL-FILLED CABLE DETAILS : 300mm SQUARE STRANDED ALUMINIUM CONDUCTOR \*

OIL FILLED PAPER INSULATED (PRESSURIZED) \*

CORRUGATED SEAMLESS ALUMINIUM SHEATH \*

PE OUTER SHEATH \*

SEE DRAWING D-DT-0881 (SHEET 23) \*

1 CORE XLPE CABLE DETAILS : 500mm SQUARE STRANDED ALUMINIUM CONDUCTOR \*

XLPE INSULATED \*

CORRUGATED SEAMLESS ALUMINIUM SHEATH \*

POLYETHYLENE OUTER SHEATH \*

SEE DRAWING D-DT-0881 (SHEET 38) \*

COPPER SLEEVE WITH SHEATH INTERRUPTER/INSULATING FLANGE \*

SUITABLE FOR SPECIALLY BONDED CABLE SHEATHS \*

FIBREGLASS OUTER BOX \*

CONSISTS OF : ALL NON-CONSUMABLE MATERIAL REQUIRED TO COMPLETE JOINT, BILL OF MATERIALS, FULLY DIMENSIONED ASSEMBLY DRAWINGS AND INSTALLATION INSTRUCTIONS \*

BITUMEN COMPOUND TO BE EXCLUDED \*

WELDING JIG TO BE INCLUDED \*

SHELF LIFE : ITEMS WITH MORE THAN  $\frac{1}{3}$  OF LIFESPAN WILL NOT BE ACCEPTED \*

CABLE ACCESSORIES TO BE INDIVIDUALLY PACKED IN WOODEN/EQUIV CRATES

SUITABLE FOR STORAGE OVER LONG PERIODS \*

ESKOM SAP NUMBER TO BE STENCILLED ONTO CRATES TOGETHER WITH CRATE NUMBER \*

EACH CRATE TO BE CLEARLY MARKED WITH DURABLE LABEL

INDICATING THE CONTENTS OF THE CRATE (PARTS LIST) \*

ALL INDIVIDUAL COMPONENTS TO BE MARKED WITH A PART NUMBER AS

REFERENCED IN BILL OF MATERIALS (BOM) AND PARTS LIST \*


LOOSE COMPONENTS OR COMPONENTS SUBJECT TO DAMAGE FROM EXPOSURE

TO DUST OR WATER TO BE PACKED WITHIN HERMETICALLY SEALED PLASTIC BAGS \*

DUPLICATE COPY OF INSTALLATION INSTRUCTION AND BOM

TO BE INCLUDED WITH DELIVERY NOTE \*

ESKOM DRAWING No. D-DT-2871 \*

10	SAP 0637243, 0637244, 0637245, 06372461C 88+132kV 3 PIECE CABLE JOINT KITS ADDED AND 0606818 CORRECTED SAP NUMBER 0675620 ADDED.			P.A.T.	Q.KHUMALO	Q.KHUMALO	28.07.2020			
9	SAP 0606817 CORRECTED FROM AL TO CU			P.A.T.	Q.KHUMALO	Q.KHUMALO	13.04.2017			
8	ADDITIONAL CABLE JOINTS ADDED			P.A.T.	Q.KHUMALO	T. DU PLESSIS	10.11.2015			
REV	REVISION DESCRIPTION			BY	CHKD	AUTH	DATE	REF. DWGS		
AUTH:	R. KELLY	DATE:	18.06.2007	SCALE NTS			SAP No:		0234590	
CHKD:	R. KELLY	DATE:	18.06.2007	CAD REF: SERIES 2000						
DRAWN:	P.A. VERMAAK	DATE:	23.05.2007	FILE No: 2871	D-DT-2871		SET	SHEET	REV	
							71	16	10	


Unique Identifier:240-48887441

Revision 1

## SPEC SHEET

SAP MATERIAL No.:	0234591
SHORT DESCRIPTION:	JOINT KIT 3C 66kV 300-500SQ AL OF D2871

TECH. DESCRIPTION:  
 STRAIGHT THROUGH JOINT KIT FOR 38/66kV OIL-FILLED PAPER INSULATED 3 CORE CABLE \*  
 SUITABLE FOR :  
 500mm TO 500mm (SEE D-DT-0881 SHEET 24) SQUARE STRANDED ALUMINIUM CONDUCTOR \*  
 300mm TO 500mm (SEE D-DT-0881 SHEET 23 & 24) SQUARE STRANDED ALUMINIUM CONDUCTOR \*  
 OIL FILLED PAPER INSULATED \*  
 CARBON PAPER CONDUCTOR SCREEN \*  
 CARBON PAPER INTERLOCKED WITH ALUMINIUM TAPE CORE SCREEN  
 CORRUGATED SEAMLESS ALUMINIUM SHEATH \*  
 PE OUTER SHEATH \*  
 COPPER SLEEVE \*  
 FIBREGLASS OUTER BOX \*  
 CONSISTS OF : ALL NON-CONSUMABLE MATERIAL REQUIRED TO COMPLETE JOINT, BILL OF MATERIALS, FULLY DIMENSIONED ASSEMBLY DRAWINGS AND INSTALLATION INSTRUCTION \*  
 BITUMEN COMPOUND TO BE EXCLUDED \*  
 SUITABLE WELDING JIGS TO BE INCLUDED \*  
 SHELF LIFE : ITEMS WITH MORE THAN 1/3 OF LIFESPAN WILL NOT BE ACCEPTED \*  
 CABLE ACCESSORIES TO BE INDIVIDUALLY PACKED IN WOODEN/EQUIV CRATES  
 SUITABLE FOR STORAGE OVER LONG PERIODS \*  
 ESKOM SAP NUMBER TO BE STENCILLED ONTO CRATES TOGETHER WITH CRATE NUMBER \*  
 EACH CRATE TO BE CLEARLY MARKED WITH DURABLE LABEL  
 INDICATING THE CONTENTS OF THE CRATE (PARTS LIST) \*  
 ALL INDIVIDUAL COMPONENTS TO BE MARKED WITH A PART NUMBER AS  
 REFERENCED IN BILL OF MATERIALS (BOM) AND PARTS LIST \*  
 LOOSE COMPONENTS OR COMPONENTS SUBJECT TO DAMAGE FROM EXPOSURE  
 TO DUST OR WATER TO BE PACKED WITHIN HERMETICALLY SEALED PLASTIC BAGS \*  
 DUPLICATE COPY OF INSTALLATION INSTRUCTION AND BOM  
 TO BE INCLUDED WITH DELIVERY NOTE \*  
 ESKOM DRAWING No. D-DT-2871 \*

10	SAP 0637243, 0637244, 0637245, 06372461C 88+132kV 3 PIECE CABLE JOINT KITS ADDED AND 0606818 CORRECTED SAP NUMBER 0675620 ADDED.	P.A.T.	Q.KHUMALO	Q.KHUMALO	28.07.2020	
9	SAP 0606817 CORRECTED FROM AL TO CU	P.A.T.	Q.KHUMALO	Q.KHUMALO	13.04.2017	
8	ADDITIONAL CABLE JOINTS ADDED	P.A.T.	Q.KHUMALO	T. DU PLESSIS	10.11.2015	
REV	REVISION DESCRIPTION	BY	CHKD	AUTH	DATE	REF. DWGS
AUTH:	R. KELLY	DATE:	18.06.2007	 <b>D-DT-2871</b>	SAP No:	
CHKD:	R. KELLY	DATE:	18.06.2007		0234591	
DRAWN:	P.A. VERMAAK	DATE:	23.05.2007		SET	SHEET
					71	17
						REV
						10

## SPEC SHEET

SAP MATERIAL No.:	0234592
SHORT DESCRIPTION:	JOINT KIT 3C 66kV 300-500SQAL OF STPD2871

### TECH. DESCRIPTION:

STOP JOINT KIT FOR 38/66kV OIL-FILLED PAPER INSULATED 3 CORE CABLE \*

SUITABLE FOR :

500mm TO 500mm (SEE D-DT-0881 SHEET 24) SQUARE STRANDED ALUMINIUM CONDUCTOR \*

300mm TO 500mm (SEE D-DT-0881 SHEET 23 & 24) SQUARE STRANDED ALUMINIUM CONDUCTOR \*

OIL FILLED PAPER INSULATED \*

CARBON PAPER CONDUCTOR SCREEN \*

CARBON PAPER INTERLOCKED WITH ALUMINIUM TAPE CORE SCREEN \*

CORRUGATED SEAMLESS ALUMINIUM SHEATH \*

PE OUTER SHEATH \*

COPPER SLEEVE WITH SHEATH INTERRUPTER/INSULATING FLANGE \*

FIBREGLASS OUTER BOX \*

CONSISTS OF : ALL NON-CONSUMABLE MATERIAL REQUIRED TO COMPLETE JOINT, BILL OF MATERIALS, FULLY DIMENSIONED ASSEMBLY DRAWINGS AND INSTALLATION INSTRUCTION \*

BITUMEN COMPOUND TO BE EXCLUDED \*

SUITABLE WELDING JIGS TO BE INCLUDED \*

SHELF LIFE : ITEMS WITH MORE THAN 1/3 OF LIFESPAN WILL NOT BE ACCEPTED \*

CABLE ACCESSORIES TO BE INDIVIDUALLY PACKED IN WOODEN/EQUIV CRATES

SUITABLE FOR STORAGE OVER LONG PERIODS \*

ESKOM SAP NUMBER TO BE STENCILLED ONTO CRATES TOGETHER WITH CRATE NUMBER \*

EACH CRATE TO BE CLEARLY MARKED WITH DURABLE LABEL

INDICATING THE CONTENTS OF THE CRATE (PARTS LIST) \*

ALL INDIVIDUAL COMPONENTS TO BE MARKED WITH A PART NUMBER AS

REFERENCED IN BILL OF MATERIALS (BOM) AND PARTS LIST \*


LOOSE COMPONENTS OR COMPONENTS SUBJECT TO DAMAGE FROM EXPOSURE

TO DUST OR WATER TO BE PACKED WITHIN HERMETICALLY SEALED PLASTIC BAGS \*

DUPLICATE COPY OF INSTALLATION INSTRUCTION AND BOM

TO BE INCLUDED WITH DELIVERY NOTE \*

ESKOM DRAWING No. D-DT-2871 \*

10	SAP 0637243, 0637244, 0637245, 06372461C 88+132kV 3 PIECE CABLE JOINT KITS ADDED AND 0606818 CORRECTED SAP NUMBER 0675620 ADDED.			P.A.T.	Q.KHUMALO	Q.KHUMALO	28.07.2020			
9	SAP 0606817 CORRECTED FROM AL TO CU			P.A.T.	Q.KHUMALO	Q.KHUMALO	13.04.2017			
8	ADDITIONAL CABLE JOINTS ADDED			P.A.T.	Q.KHUMALO	T. DU PLESSIS	10.11.2015			
REV	REVISION DESCRIPTION			BY	CHKD	AUTH	DATE	REF. DWGS		
AUTH:	R. KELLY	DATE:	18.06.2007	SCALE		SAP No:				
				NTS		0234592				
CHKD:	R. KELLY	DATE:	18.06.2007	CAD REF:						
				SERIES 2000	D-DT-2871	SET	SHEET	REV		
DRAWN:	P.A. VERMAAK	DATE:	23.05.2007	FILE No:		71	18	10		
				2871						

Unique Identifier:240-48887441

Revision 1

## SPEC SHEET

SAP MATERIAL No.:	0234593
SHORT DESCRIPTION:	BOX,SPLITTER 3C 66kV 300-500SQAL OFD2871

### TECH. DESCRIPTION:

SPLITTER BOX FOR 38/66kV OIL-FILLED PAPER INSULATED 3 CORE CABLE \*

SUITABLE FOR :

500mm (SEE D-DT-0881 SHEET 24) SQUARE STRANDED ALUMINIUM CONDUCTOR \*

300mm (SEE D-DT-0881 SHEET 23) SQUARE STRANDED ALUMINIUM CONDUCTOR \*

OIL FILLED PAPER INSULATED \*

CARBON PAPER CONDUCTOR SCREEN \*

CARBON PAPER INTERLOCKED WITH ALUMINIUM TAPE CORE SCREEN

CORRUGATED SEAMLESS ALUMINIUM SHEATH \*

PE OUTER SHEATH \*

CONSISTS OF : SPLITTER BOX AND 3 OFF 15m LONG OUTER PROTECTION SHEATHS,  
ALL NON-CONSUMABLE MATERIAL REQUIRED TO COMPLETE JOINT, BILL OF MATERIALS, FULLY  
DIMENSIONED ASSEMBLY DRAWINGS AND INSTALLATION INSTRUCTION \*

SHELF LIFE : ITEMS WITH MORE THAN 1/3 OF LIFESPAN WILL NOT BE ACCEPTED \*

CABLE ACCESSORIES TO BE INDIVIDUALLY PACKED IN WOODEN/EQUIV CRATES

SUITABLE FOR STORAGE OVER LONG PERIODS \*

ESKOM SAP NUMBER TO BE STENCILLED ONTO CRATES TOGETHER WITH CRATE NUMBER \*

EACH CRATE TO BE CLEARLY MARKED WITH DURABLE LABEL

INDICATING THE CONTENTS OF THE CRATE (PARTS LIST) \*

ALL INDIVIDUAL COMPONENTS TO BE MARKED WITH A PART NUMBER AS

REFERENCED IN BILL OF MATERIALS (BOM) AND PARTS LIST \*


LOOSE COMPONENTS OR COMPONENTS SUBJECT TO DAMAGE FROM EXPOSURE

TO DUST OR WATER TO BE PACKED WITHIN HERMETICALLY SEALED PLASTIC BAGS \*

DUPLICATE COPY OF INSTALLATION INSTRUCTION AND BOM

TO BE INCLUDED WITH DELIVERY NOTE \*

ESKOM DRAWING No. D-DT-2871 \*

10	SAP 0637243, 0637244, 0637245, 06372461C 88+132kV 3 PIECE CABLE JOINT KITS ADDED AND 0606818 CORRECTED SAP NUMBER 0675620 ADDED.			P.A.T.	Q.KHUMALO	Q.KHUMALO	28.07.2020			
9	SAP 0606817 CORRECTED FROM AL TO CU			P.A.T.	Q.KHUMALO	Q.KHUMALO	13.04.2017			
8	ADDITIONAL CABLE JOINTS ADDED			P.A.T.	Q.KHUMALO	T. DU PLESSIS	10.11.2015			
REV	REVISION DESCRIPTION			BY	CHKD	AUTH	DATE	REF. DWGS		
AUTH:	R. KELLY	DATE:	18.06.2007	SCALE NTS			SAP No:			
CHKD:	R. KELLY	DATE:	18.06.2007	CAD REF: SERIES 2000			0234593			
DRAWN:	P.A. VERMAAK	DATE:	23.05.2007	FILE No: 2871	D-DT-2871		SET	SHEET	REV	
							71	19	10	

Unique Identifier:240-48887441


Revision 1

## SPEC SHEET

SAP MATERIAL No.:	0606811
SHORT DESCRIPTION:	KIT,CABLE JOINT:66KV; 3C; 300; OF

### TECH. DESCRIPTION:

KIT, CABLE JOINT: POTENTIAL: 66KV; 3C; 300; OF;  
 CONDUCTOR: 300 MM2; CABLE SIZE: 300 MM2;  
 SPECIFICATION: ESKOM SPEC: D-0881; D-2870; D-8070; TYPE: TRANSITION STOP;  
 TRANSITION STOP JOINT; KIT FOR 38/66KV OIL-FILLED PAPER-INSULATED 3 CORE CABLE;  
 TO XLPE INSULATED 1 CORE CABLE;  
 3 CORE OIL-FILLED CABLE DETAILS: 300MM SQUARE STRANDED ALUMINIUM CONDUCTOR;  
 OIL FILLED PAPER INSULATED (PRESSURIZED);  
 CORRUGATED SEAMLESS ALUMINIUM SHEATH;  
 POLYETHYLENE OUTER SHEATH; SEE DRAWING D-DT-0881 (SHEET 23 OF 38); SAP NUMBER 0236342;  
 1 CORE XLPE 66KV CABLE DETAILS: 500MM SQUARE STRANDED ALUMINIUM CONDUCTOR;  
 XLPE INSULATED; CORRUGATED SEAMLESS ALUMINIUM SHEATH;  
 POLYETHYLENE OUTER SHEATH; BUYERS GUIDE D-DT-8070; SAP NUMBER 0186926 (D-DT 8070);  
 COPPER SLEEVE WITH SHEATH INTERRUPTER/INSULATING FLANGE;  
 SUITABLE FOR SPECIALLY BONDED CABLE SHEATHS; FIBREGLOSS OUTER BOX;  
 CONSISTS OF: ALL NON-CONSUMABLE MATERIAL REQUIRED TO COMPLETE JOINT,  
 BILL OF MATERIALS, FULLY DIMENSIONED ASSEMBLY DRAWINGS AND  
 INSTALLATION INSTRUCTIONS;  
 BITUMEN COMPOUND TO BE EXCLUDED; WELDING JIG TO BE INCLUDED;  
 SHELF LIFE: ITEMS WITH MORE THAN 1/3 OF LIFESPAN WILL NOT BE ACCEPTED;  
 CABLE ACCESSORIES TO BE INDIVIDUALLY PACKED IN WOODEN/EQUIV CRATES;  
 SUITABLE FOR STORAGE OVER LONG PERIODS;  
 ESKOM SAP NUMBER TO BE STENCILLED ONTO CRATES TOGETHER WITH CRATE NUMBER;  
 EACH CRATE TO BE CLEARLY MARKED: WITH DURABLE LABEL INDICATING THE  
 CONTENTS OF THE CRATE (PARTS LIST);  
 ALL INDIVIDUAL COMPONENTS TO BE MARKED WITH A PART NUMBER AS REFERENCED IN  
 BILL OF MATERIALS (BOM) AND PARTS LIST;  
 LOOSE COMPONENTS OR COMPONENTS SUBJECT TO DAMAGE FROM EXPOSURE TO DUST  
 OR WATER TO BE PACKED WITHIN HERMETICALLY SEALED PLASTIC BAGS;  
 DUPLICATE COPY OF INSTALLATION INSTRUCTION AND BOM TO BE INCLUDED;  
 WITH DELIVERY NOTE;  
 ESKOM DRAWING No. D-DT-2871 \*

10	SAP 0637243, 0637244, 0637245, 06372461C 88+132kV 3 PIECE CABLE JOINT KITS ADDED AND 0606818 CORRECTED SAP NUMBER 0675620 ADDED.			P.A.T.	Q.KHUMALO	Q.KHUMALO	28.07.2020			
9	SAP 0606817 CORRECTED FROM AL TO CU			P.A.T.	Q.KHUMALO	Q.KHUMALO	13.04.2017			
8	ADDITIONAL CABLE JOINTS ADDED			P.A.T.	Q.KHUMALO	T. DU PLESSIS	10.11.2015			
REV	REVISION DESCRIPTION				BY	CHKD	AUTH	DATE	REF. DWGS	
AUTH:	R. KELLY		DATE:	18.06.2007	SCALE		SAP No:			
					NTS		0606811			
CHKD:	R. KELLY		DATE:	18.06.2007	CAD REF:					
					SERIES 2000					
					FILE No:	D-DT-2871				
DRAWN:	P.A. VERMAAK		DATE:	23.05.2007	2871		71	20		10

Unique Identifier:240-48887441


Revision 1

## SPEC SHEET

SAP MATERIAL No.:	0606819
SHORT DESCRIPTION:	KIT,CABLE JOINT:66KV; 3C; 500; OF,1C

### TECH. DESCRIPTION:

KIT, CABLE JOINT: POTENTIAL: 66KV; 3C; 500; OF;  
 CONDUCTOR: 500 MM2; CABLE SIZE: 500 MM2;  
 SPECIFICATION: ESKOM SPEC: D-0881; D-2870; D-8070; TYPE: TRANSITION STOP;  
 TRANSITION STOP JOINT KIT; FOR 38/66KV OIL-FILLED PAPER-INSULATED 3 CORE CABLE;  
 TO XLPE INSULATED 1 CORE CABLE;  
 3 CORE OIL-FILLED CABLE DETAILS: 500MM SQUARE STRANDED ALUMINIUM CONDUCTOR;  
 OIL FILLED PAPER INSULATED (PRESSURIZED);  
 CORRUGATED SEAMLESS ALUMINIUM SHEATH;  
 POLYETHYLENE OUTER SHEATH; SEE DRAWING D-DT-0881 (SHEET 24 OF 38 ); SAP NUMBER 0236343;  
 1 CORE XLPE CABLE DETAILS : 500MM SQUARE STRANDED ALUMINIUM CONDUCTOR;  
 XLPE INSULATED; CORRUGATED SEAMLESS ALUMINIUM SHEATH;  
 POLYETHYLENE OUTER SHEATH; BUYERS GUIDE D-DT-8070; SAP NUMBER 0186926 (D-DT 8070);  
 COPPER SLEEVE WITH SHEATH INTERRUPTER/INSULATING FLANGE;  
 SUITABLE FOR SPECIALLY BONDED CABLE SHEATHS;  
 FIBREGLASS OUTER BOX; CONSISTS OF: ALL NON-CONSUMABLE MATERIAL REQUIRED TO  
 COMPLETE JOINT, BILL OF MATERIALS, FULLY DIMENSIONED ASSEMBLY DRAWINGS AND  
 INSTALLATION INSTRUCTIONS;  
 BITUMEN COMPOUND TO BE EXCLUDED; WELDING JIG TO BE INCLUDED;  
 SHELF LIFE: ITEMS WITH MORE THAN 1/3 OF LIFESPAN WILL NOT BE ACCEPTED;  
 CABLE ACCESSORIES TO BE INDIVIDUALLY PACKED IN WOODEN/EQUIV CRATES SUITABLE  
 FOR STORAGE OVER LONG PERIODS;  
 ESKOM SAP NUMBER TO BE STENCILLED ONTO CRATES TOGETHER WITH CRATE NUMBER;  
 EACH CRATE TO BE CLEARLY MARKED WITH DURABLE LABEL INDICATING THE CONTENTS OF THE  
 CRATE (PARTS LIST);  
 ALL INDIVIDUAL COMPONENTS TO BE MARKED WITH A PART NUMBER AS REFERENCED  
 IN BILL OF MATERIALS (BOM) AND PARTS LIST;  
 LOOSE COMPONENTS OR COMPONENTS SUBJECT TO DAMAGE FROM EXPOSURE TO DUST OR  
 WATER TO BE PACKED WITHIN HERMETICALLY SEALED PLASTIC BAGS;  
 DUPLICATE COPY OF INSTALLATION INSTRUCTION AND BOM TO BE INCLUDED;  
 WITH DELIVERY NOTE:  
 ESKOM DRAWING No. D-DT-2871 \*

10	SAP 0637243, 0637244, 0637245, 06372461C 88+132kV 3 PIECE CABLE JOINT KITS ADDED AND 0606818 CORRECTED SAP NUMBER 0675620 ADDED.			P.A.T.	Q.KHUMALO	Q.KHUMALO	28.07.2020			
9	SAP 0606817 CORRECTED FROM AL TO CU			P.A.T.	Q.KHUMALO	Q.KHUMALO	13.04.2017			
8	ADDITIONAL CABLE JOINTS ADDED			P.A.T.	Q.KHUMALO	T. DU PLESSIS	10.11.2015			
REV	REVISION DESCRIPTION			BY	CHKD	AUTH	DATE	REF. DWGS		
AUTH:	R. KELLY		DATE:	18.06.2007			SAP No:		0606819	
CHKD:	R. KELLY		DATE:	18.06.2007	D-DT-2871		SET		SHEET	REV
DRAWN:	P.A. VERMAAK		DATE:	23.05.2007						


Unique Identifier:240-48887441

Revision 1

## SPEC SHEET

SAP MATERIAL No.:	0234594
SHORT DESCRIPTION:	JOINT KIT 1C 66kV 710SQ AL OF D2871

TECH. DESCRIPTION:  
 STRAIGHT THROUGH JOINT KIT FOR 38/66kV OIL-FILLED PAPER-INSULATED 1 CORE CABLE \*  
 710mm SQUARE STRANDED ALUMINIUM CONDUCTOR \*  
 OIL FILLED PAPER INSULATED (PRESSURIZED) \*  
 WITH OIL DUCT IN CENTRE OF CONDUCTOR \*  
 CORRUGATED SEAMLESS ALUMINIUM SHEATH \*  
 POLYETHYLENE OUTER SHEATH \*  
 SEE DRAWING D-DT-0881 (SHEET 25) \*  
 COPPER SLEEVE WITH SHEATH INTERRUPTER/INSULATING FLANGE \*  
 SUITABLE FOR SPECIALLY BONDED CABLE SHEATHS \*  
 FIBREGLASS OUTER BOX \*  
 CONSISTS OF :  
 ALL NON-CONSUMABLE MATERIAL REQUIRED TO COMPLETE JOINT,  
 BILL OF MATERIALS, FULLY DIMENSIONED ASSEMBLY DRAWINGS  
 AND INSTALLATION INSTRUCTION \*  
 BITUMEN COMPOUND TO BE EXCLUDED \*  
 WELDING JIG TO BE INCLUDED \*  
 SHELF LIFE : ITEMS WITH MORE THAN 1/3 OF LIFESPAN WILL NOT BE ACCEPTED \*  
 CABLE ACCESSORIES TO BE INDIVIDUALLY PACKED IN WOODEN/EQUIV CRATES  
 SUITABLE FOR STORAGE OVER LONG PERIODS \*  
 ESKOM SAP NUMBER TO BE STENCILLED ONTO CRATES TOGETHER WITH CRATE NUMBER \*  
 EACH CRATE TO BE CLEARLY MARKED WITH DURABLE LABEL  
 INDICATING THE CONTENTS OF THE CRATE (PARTS LIST) \*  
 ALL INDIVIDUAL COMPONENTS TO BE MARKED WITH A PART NUMBER AS  
 REFERENCED IN BILL OF MATERIALS (BOM) AND PARTS LIST \*  
 LOOSE COMPONENTS OR COMPONENTS SUBJECT TO DAMAGE FROM EXPOSURE  
 TO DUST OR WATER TO BE PACKED WITHIN HERMETICALLY SEALED PLASTIC BAGS \*  
 DUPLICATE COPY OF INSTALLATION INSTRUCTION AND BOM  
 TO BE INCLUDED WITH DELIVERY NOTE \*  
 ESKOM DRAWING No. D-DT-2871 \*

10	SAP 0637243, 0637244, 0637245, 06372461C 88+132kV 3 PIECE CABLE JOINT KITS ADDED AND 0606818 CORRECTED SAP NUMBER 0675620 ADDED.			P.A.T.	Q.KHUMALO	Q.KHUMALO	28.07.2020			
9	SAP 0606817 CORRECTED FROM AL TO CU			P.A.T.	Q.KHUMALO	Q.KHUMALO	13.04.2017			
8	ADDITIONAL CABLE JOINTS ADDED			P.A.T.	Q.KHUMALO	T. DU PLESSIS	10.11.2015			
REV	REVISION DESCRIPTION			BY	CHKD	AUTH	DATE	REF. DWGS		
AUTH:	R. KELLY	DATE:	18.06.2007	SCALE NTS			SAP No:			
CHKD:	R. KELLY	DATE:	18.06.2007	CAD REF: SERIES 2000			0234594			
DRAWN:	P.A. VERMAAK	DATE:	23.05.2007	FILE No:	D-DT-2871		SET	SHEET	REV	
				2871			71	22	10	

Unique Identifier:240-48887441


Revision 1



## SPEC SHEET

SAP MATERIAL No.:	0234595
SHORT DESCRIPTION:	JOINT KIT 1C 66kV 710SQAL OF STOP D2871


TECH. DESCRIPTION:  
 STOP JOINT KIT FOR 38/66kV OIL-FILLED PAPER-INSULATED 1 CORE CABLE \*  
 710mm SQUARE STRANDED ALUMINIUM CONDUCTOR \*  
 OIL FILLED PAPER INSULATED (PRESSURIZED) \*  
 WITH OIL DUCT IN CENTRE OF CONDUCTOR \*  
 CORRUGATED SEAMLESS ALUMINIUM SHEATH \*  
 POLYETHYLENE OUTER SHEATH \*  
 SEE DRAWING D-DT-0881 (SHEET 25) \*  
 COPPER SLEEVE WITH SHEATH INTERRUPTER/INSULATING FLANGE \*  
 SUITABLE FOR SPECIALLY BONDED CABLE SHEATHS \*  
 FIBREGLASS OUTER BOX \*  
 CONSISTS OF :  
 ALL NON-CONSUMABLE MATERIAL REQUIRED TO COMPLETE JOINT,  
 BILL OF MATERIALS, FULLY DIMENSIONED ASSEMBLY DRAWINGS  
 AND INSTALLATION INSTRUCTION \* BITUMEN COMPOUND TO BE EXCLUDED \*  
 WELDING JIG TO BE INCLUDED \*  
 SHELF LIFE : ITEMS WITH MORE THAN 1/3 OF LIFESPAN WILL NOT BE ACCEPTED \*  
 CABLE ACCESSORIES TO BE INDIVIDUALLY PACKED IN WOODEN/EQUIV CRATES  
 SUITABLE FOR STORAGE OVER LONG PERIODS \*  
 ESKOM SAP NUMBER TO BE STENCILLED ONTO CRATES TOGETHER WITH CRATE NUMBER \*  
 EACH CRATE TO BE CLEARLY MARKED WITH DURABLE LABEL  
 INDICATING THE CONTENTS OF THE CRATE (PARTS LIST) \*  
 ALL INDIVIDUAL COMPONENTS TO BE MARKED WITH A PART NUMBER AS  
 REFERENCED IN BILL OF MATERIALS (BOM) AND PARTS LIST \*  
 LOOSE COMPONENTS OR COMPONENTS SUBJECT TO DAMAGE FROM EXPOSURE  
 TO DUST OR WATER TO BE PACKED WITHIN HERMETICALLY SEALED PLASTIC BAGS \*  
 DUPLICATE COPY OF INSTALLATION INSTRUCTION AND BOM  
 TO BE INCLUDED WITH DELIVERY NOTE \*  
 ESKOM DRAWING No. D-DT-2871 \*

10	SAP 0637243, 0637244, 0637245, 06372461C 88+132kV 3 PIECE CABLE JOINT KITS ADDED AND 0606818 CORRECTED SAP NUMBER 0675620 ADDED.	P.A.T.	Q.KHUMALO	Q.KHUMALO	28.07.2020	
9	SAP 0606817 CORRECTED FROM AL TO CU	P.A.T.	Q.KHUMALO	Q.KHUMALO	13.04.2017	
8	ADDITIONAL CABLE JOINTS ADDED	P.A.T.	Q.KHUMALO	T. DU PLESSIS	10.11.2015	
REV	REVISION DESCRIPTION	BY	CHKD	AUTH	DATE	REF. DWGS
AUTH:	R. KELLY	DATE:	18.06.2007	 <b>D-DT-2871</b>	SAP No:	
CHKD:	R. KELLY	DATE:	18.06.2007		0234595	
DRAWN:	P.A. VERMAAK	DATE:	23.05.2007		SET	SHEET
					71	23
						10

## SPEC SHEET

SAP MATERIAL No.:	0168692
SHORT DESCRIPTION:	JOINT KIT 3C 88kV 500SQ AL OF D2871

TECH. DESCRIPTION:  
 STRAIGHT THROUGH JOINT KIT FOR 51/88kV OIL-FILLED  
 PAPER INSULATED 3 CORE CABLE \*  
 500mm SQUARE STRANDED ALUMINIUM CONDUCTOR \*  
 OIL FILLED PAPER INSULATED (PRESSURIZED) \*  
 WITH OIL DUCTS \*  
 CORRUGATED SEAMLESS ALUMINIUM SHEATH \*  
 PVC OUTER SHEATH \*  
 SEE D-DT-0881 (SHEET 3) \*  
 COPPER SLEEVE \*  
 FIBREGLASS OUTER BOX \*  
 CONSISTS OF : ALL NON-CONSUMABLE MATERIAL REQUIRED TO COMPLETE JOINT, BILL OF  
 MATERIALS, FULLY DIMENSIONED ASSEMBLY DRAWINGS AND INSTALLATION INSTRUCTION \*  
 BITUMEN COMPOUND TO BE EXCLUDED \*  
 WELDING JIG TO BE INCLUDED \*  
 SHELF LIFE : ITEMS WITH MORE THAN 1/3 OF LIFESPAN WILL NOT BE ACCEPTED \*  
 CABLE ACCESSORIES TO BE INDIVIDUALLY PACKED IN WOODEN/EQUIV CRATES  
 SUITABLE FOR STORAGE OVER LONG PERIODS \*  
 ESKOM SAP NUMBER TO BE STENCILLED ONTO CRATES TOGETHER WITH CRATE NUMBER \*  
 EACH CRATE TO BE CLEARLY MARKED WITH DURABLE LABEL  
 INDICATING THE CONTENTS OF THE CRATE (PARTS LIST) \*  
 ALL INDIVIDUAL COMPONENTS TO BE MARKED WITH A PART NUMBER AS  
 REFERENCED IN BILL OF MATERIALS (BOM) AND PARTS LIST \*  
 LOOSE COMPONENTS OR COMPONENTS SUBJECT TO DAMAGE FROM EXPOSURE  
 TO DUST OR WATER TO BE PACKED WITHIN HERMETICALLY SEALED PLASTIC BAGS \*  
 DUPLICATE COPY OF INSTALLATION INSTRUCTION AND BOM  
 TO BE INCLUDED WITH DELIVERY NOTE \*  
 ESKOM DRAWING No. D-DT-2871 \*

10	SAP 0637243, 0637244, 0637245, 06372461C 88+132kV 3 PIECE CABLE JOINT KITS ADDED AND 0606818 CORRECTED SAP NUMBER 0675620 ADDED.	P.A.T.	Q.KHUMALO	Q.KHUMALO	28.07.2020	
9	SAP 0606817 CORRECTED FROM AL TO CU	P.A.T.	Q.KHUMALO	Q.KHUMALO	13.04.2017	
8	ADDITIONAL CABLE JOINTS ADDED	P.A.T.	Q.KHUMALO	T. DU PLESSIS	10.11.2015	
REV	REVISION DESCRIPTION	BY	CHKD	AUTH	DATE	REF. DWGS
AUTH:	R. KELLY	DATE:	18.06.2007	 <b>D-DT-2871</b>	SAP No:	
CHKD:	R. KELLY	DATE:	18.06.2007		0168692	
DRAWN:	P.A. VERMAAK	DATE:	23.05.2007		SET	SHEET
					71	24
						REV
						10


Unique Identifier:240-48887441

Revision 1

## SPEC SHEET

SAP MATERIAL No.:	0168693
SHORT DESCRIPTION:	JOINT KIT 3C 88kV 500SQAL OF STOP D2871


TECH. DESCRIPTION:  
 STOP JOINT KIT FOR 51/88kV OIL-FILLED PAPER-INSULATED 3 CORE CABLE \*  
 500mm SQUARE STRANDED ALUMINIUM CONDUCTOR \*  
 OIL FILLED PAPER INSULATED (PRESSURIZED) \*  
 WITH OIL DUCTS CORRUGATED SEAMLESS ALUMINIUM SHEATH \*  
 PVC OUTER SHEATH \*  
 SEE D-DT-0881 (SHEET 3) \*  
 COPPER SLEEVE WITH SHEATH INTERRUPTER/INSULATING FLANGE \*  
 FIBREGLASS OUTER BOX \*  
 CONSISTS OF : ALL NON-CONSUMABLE MATERIAL REQUIRED TO COMPLETE JOINT, BILL OF MATERIALS, FULLY DIMENSIONED ASSEMBLY DRAWINGS AND INSTALLATION INSTRUCTION \*  
 BITUMEN COMPOUND TO BE EXCLUDED \*  
 WELDING JIG TO BE INCLUDED \*  
 SHELF LIFE : ITEMS WITH MORE THAN 1/3 OF LIFESPAN WILL NOT BE ACCEPTED \*  
 CABLE ACCESSORIES TO BE INDIVIDUALLY PACKED IN WOODEN/EQUIV CRATES  
 SUITABLE FOR STORAGE OVER LONG PERIODS \*  
 ESKOM SAP NUMBER TO BE STENCILLED ONTO CRATES TOGETHER WITH CRATE NUMBER \*  
 EACH CRATE TO BE CLEARLY MARKED WITH DURABLE LABEL  
 INDICATING THE CONTENTS OF THE CRATE (PARTS LIST) \*  
 ALL INDIVIDUAL COMPONENTS TO BE MARKED WITH A PART NUMBER AS  
 REFERENCED IN BILL OF MATERIALS (BOM) AND PARTS LIST \*  
 LOOSE COMPONENTS OR COMPONENTS SUBJECT TO DAMAGE FROM EXPOSURE  
 TO DUST OR WATER TO BE PACKED WITHIN HERMETICALLY SEALED PLASTIC BAGS \*  
 DUPLICATE COPY OF INSTALLATION INSTRUCTION AND BOM  
 TO BE INCLUDED WITH DELIVERY NOTE \*  
 ESKOM DRAWING No. D-DT-2871 \*

10	SAP 0637243, 0637244, 0637245, 06372461C 88+132kV 3 PIECE CABLE JOINT KITS ADDED AND 0606818 CORRECTED SAP NUMBER 0675620 ADDED.	P.A.T.	Q.KHUMALO	Q.KHUMALO	28.07.2020	
9	SAP 0606817 CORRECTED FROM AL TO CU	P.A.T.	Q.KHUMALO	Q.KHUMALO	13.04.2017	
8	ADDITIONAL CABLE JOINTS ADDED	P.A.T.	Q.KHUMALO	T. DU PLESSIS	10.11.2015	
REV	REVISION DESCRIPTION	BY	CHKD	AUTH	DATE	REF. DWGS
AUTH:	R. KELLY	DATE:	18.06.2007	 <b>D-DT-2871</b>	SAP No:	
CHKD:	R. KELLY	DATE:	18.06.2007		0168693	
DRAWN:	P.A. VERMAAK	DATE:	23.05.2007		SET	SHEET
					71	25
						10

## SPEC SHEET

SAP MATERIAL No.:	0169166
SHORT DESCRIPTION:	JOINT KIT 3C 88kV 500SQAL OF TRIF D2871

TECH. DESCRIPTION:  
 TRIFURCATING JOINT FOR 51/88kV OIL-FILLED  
 PAPER-INSULATED 3 CORE CABLE \*  
 500mm SQUARE STRANDED ALUMINIUM CONDUCTOR \*  
 OIL FILLED PAPER INSULATED (PRESSURIZED) \*  
 WITH OIL DUCTS \*  
 CORRUGATED SEAMLESS ALUMINIUM SHEATH \*  
 PVC OUTER SHEATH \*  
 SEE D-DT-0881 (SHEET 3) FOR 3 CORE CABLE AND  
 SEE D-DT-0881 (SHEET 7) FOR 1 CORE CABLE \*  
 COPPER SLEEVE \* SUITABLE FOR SPECIALLY BONDED CABLE SHEATHS \*  
 FIBREGLASS OUTER BOX \*  
 CONSISTS OF : ALL NON-CONSUMABLE MATERIAL REQUIRED TO COMPLETE JOINT, BILL OF  
 MATERIALS, FULLY DIMENSIONED ASSEMBLY DRAWINGS AND INSTALLATION INSTRUCTION \*  
 BITUMEN COMPOUND TO BE EXCLUDED \* WELDING JIG TO BE INCLUDED \*  
 SHELF LIFE : ITEMS WITH MORE THAN 1/3 OF LIFESPAN WILL NOT BE ACCEPTED \*  
 CABLE ACCESSORIES TO BE INDIVIDUALLY PACKED IN WOODEN/EQUIV CRATES  
 SUITABLE FOR STORAGE OVER LONG PERIODS \*  
 ESKOM SAP NUMBER TO BE STENCILLED ONTO CRATES TOGETHER WITH CRATE NUMBER \*  
 EACH CRATE TO BE CLEARLY MARKED WITH DURABLE LABEL  
 INDICATING THE CONTENTS OF THE CRATE (PARTS LIST) \*  
 ALL INDIVIDUAL COMPONENTS TO BE MARKED WITH A PART NUMBER AS  
 REFERENCED IN BILL OF MATERIALS (BOM) AND PARTS LIST \*  
 LOOSE COMPONENTS OR COMPONENTS SUBJECT TO DAMAGE FROM EXPOSURE  
 TO DUST OR WATER TO BE PACKED WITHIN HERMETICALLY SEALED PLASTIC BAGS \*  
 DUPLICATE COPY OF INSTALLATION INSTRUCTION AND BOM  
 TO BE INCLUDED WITH DELIVERY NOTE \*  
 ESKOM DRAWING No. D-DT-2871 \*

10	SAP 0637243, 0637244, 0637245, 06372461C 88+132kV 3 PIECE CABLE JOINT KITS ADDED AND 0606818 CORRECTED SAP NUMBER 0675620 ADDED.	P.A.T.	Q.KHUMALO	Q.KHUMALO	28.07.2020	
9	SAP 0606817 CORRECTED FROM AL TO CU	P.A.T.	Q.KHUMALO	Q.KHUMALO	13.04.2017	
8	ADDITIONAL CABLE JOINTS ADDED	P.A.T.	Q.KHUMALO	T. DU PLESSIS	10.11.2015	
REV	REVISION DESCRIPTION	BY	CHKD	AUTH	DATE	REF. DWGS
AUTH:	R. KELLY	DATE:	18.06.2007	 <b>D-DT-2871</b>	SAP No:	
CHKD:	R. KELLY	DATE:	18.06.2007		0169166	
DRAWN:	P.A. VERMAAK	DATE:	23.05.2007		SET	SHEET
					71	26
						REV
						10

Unique Identifier:240-48887441

Revision 1

## SPEC SHEET

SAP MATERIAL No.:	0233217
SHORT DESCRIPTION:	JOINT KIT 3C 88kV 500OF-1C 500XLPED2871

TECH. DESCRIPTION:

TRANSITION STOP JOINT KIT FOR 51/88kV OIL-FILLED PAPER-INSULATED 3 CORE CABLE  
TO XLPE INSULATED 1 CORE CABLE \*

3 CORE OIL-FILLED CABLE DETAILS : 500mm SQUARE STRANDED ALUMINIUM CONDUCTOR \*

OIL FILLED PAPER INSULATED (PRESSURIZED) WITH OIL DUCTS \*

CORRUGATED SEAMLESS ALUMINIUM SHEATH \*

PVC OUTER SHEATH \*

SEE DRAWING D-DT-0881 (SHEET 3) \*

1 CORE XLPE CABLE DETAILS : 500mm SQUARE STRANDED ALUMINIUM CONDUCTOR \*

XLPE INSULATED \*

CORRUGATED SEAMLESS ALUMINIUM SHEATH \*

POLYETHYLENE OUTER SHEATH \*

SEE DRAWING D-DT-0881 (SHEET 16) \*

COPPER SLEEVE WITH SHEATH INTERRUPTER/INSULATING FLANGE \*

SUITABLE FOR SPECIALLY BONDED CABLE SHEATHS \*

FIBREGLASS OUTER BOX \*

CONSISTS OF : ALL NON-CONSUMABLE MATERIAL REQUIRED TO COMPLETE JOINT, BILL OF MATERIALS, FULLY DIMENSIONED ASSEMBLY DRAWINGS AND INSTALLATION INSTRUCTIONS \*

BITUMEN COMPOUND TO BE EXCLUDED \*

WELDING JIG TO BE INCLUDED \*

SHELF LIFE : ITEMS WITH MORE THAN  $\frac{1}{3}$  OF LIFESPAN WILL NOT BE ACCEPTED \*

CABLE ACCESSORIES TO BE INDIVIDUALLY PACKED IN WOODEN/EQUIV CRATES

SUITABLE FOR STORAGE OVER LONG PERIODS \*

ESKOM SAP NUMBER TO BE STENCILLED ONTO CRATES TOGETHER WITH CRATE NUMBER \*

EACH CRATE TO BE CLEARLY MARKED WITH DURABLE LABEL

INDICATING THE CONTENTS OF THE CRATE (PARTS LIST) \*

ALL INDIVIDUAL COMPONENTS TO BE MARKED WITH A PART NUMBER AS

REFERENCED IN BILL OF MATERIALS (BOM) AND PARTS LIST \*


LOOSE COMPONENTS OR COMPONENTS SUBJECT TO DAMAGE FROM EXPOSURE

TO DUST OR WATER TO BE PACKED WITHIN HERMETICALLY SEALED PLASTIC BAGS \*

DUPLICATE COPY OF INSTALLATION INSTRUCTION AND BOM

TO BE INCLUDED WITH DELIVERY NOTE \*


ESKOM DRAWING No. D-DT-2871 \*

10	SAP 0637243, 0637244, 0637245, 06372461C 88+132kV 3 PIECE CABLE JOINT KITS ADDED AND 0606818 CORRECTED SAP NUMBER 0675620 ADDED.			P.A.T.	Q.KHUMALO	Q.KHUMALO	28.07.2020			
9	SAP 0606817 CORRECTED FROM AL TO CU			P.A.T.	Q.KHUMALO	Q.KHUMALO	13.04.2017			
8	ADDITIONAL CABLE JOINTS ADDED			P.A.T.	Q.KHUMALO	T. DU PLESSIS	10.11.2015			
REV	REVISION DESCRIPTION			BY	CHKD	AUTH	DATE	REF. DWGS		
AUTH:	R. KELLY	DATE:	18.06.2007	SCALE NTS			SAP No:			
CHKD:	R. KELLY	DATE:	18.06.2007	CAD REF: SERIES 2000			0233217			
DRAWN:	P.A. VERMAAK	DATE:	23.05.2007	FILE No: 2871	<b>D-DT-2871</b>		SET	SHEET	REV	
							71	27	10	

Unique Identifier:240-48887441

Revision 1

## SPEC SHEET

SAP MATERIAL No.:	0606813					
SHORT DESCRIPTION:	KIT,CABLE JOINT:88KV; 3C; 500; OF					
<p>TECH. DESCRIPTION:</p> <p>KIT, CABLE JOINT: POTENTIAL: 88KV; 3C; 500; OF;</p> <p>CONDUCTOR: 500 MM2; CABLE SIZE: 500 MM2;</p> <p>SPECIFICATION: ESKOM SPEC: D-0881; D-2870; D-8070; TYPE: TRANSITION STOP;</p> <p>TRANSITION STOP JOINT KIT; FOR 50/88KV OIL-FILLED PAPER-INSULATED 3 CORE CABLE TO XLPE INSULATED 1 CORE CABLE;</p> <p>3 CORE OIL-FILLED CABLE DETAILS: 500MM SQUARE STRANDED ALUMINIUM CONDUCTOR;</p> <p>OIL FILLED PAPER INSULATED (PRESSURIZED);</p> <p>CORRUGATED SEAMLESS ALUMINIUM SHEATH;</p> <p>POLYETHYLENE OUTER SHEATH; SEE DRAWING D-DT-0881 (SHEET 3 OF 38);</p> <p>BUYERS GUIDE D-DT 2870; SAP NUMBER 0171191;</p> <p>1 CORE XLPE CABLE DETAILS : 500MM SQUARE STRANDED ALUMINIUM CONDUCTOR;</p> <p>XLPE INSULATED; CORRUGATED SEAMLESS ALUMINIUM SHEATH;</p> <p>POLYETHYLENE OUTER SHEATH; BUYERS GUIDE D-DT-8070, SAP NUMBER 0186928;</p> <p>COPPER SLEEVE WITH SHEATH INTERRUPTER/INSULATING FLANGE;</p> <p>SUITABLE FOR SPECIALLY BONDED CABLE SHEATHS;</p> <p>FIBREGLOSS OUTER BOX;</p> <p>CONSISTS OF: ALL NON-CONSUMABLE MATERIAL REQUIRED TO COMPLETE JOINT,</p> <p>BILL OF MATERIALS, FULLY DIMENSIONED ASSEMBLY DRAWINGS AND INSTALLATION INSTRUCTIONS;</p> <p>BITUMEN COMPOUND TO BE EXCLUDED; WELDING JIG TO BE INCLUDED;</p> <p>SHELF LIFE: ITEMS WITH MORE THAN 1/3 OF LIFESPAN WILL NOT BE ACCEPTED;</p> <p>CABLE ACCESSORIES TO BE INDIVIDUALLY PACKED IN WOODEN/EQUIV CRATES;</p> <p>SUITABLE FOR STORAGE OVER LONG PERIODS;</p> <p>ESKOM SAP NUMBER TO BE STENCILLED ONTO CRATES TOGETHER WITH CRATE NUMBER;</p> <p>EACH CRATE TO BE CLEARLY MARKED WITH DURABLE LABEL INDICATING THE CONTENTS OF THE CRATE (PARTS LIST);</p> <p>ALL INDIVIDUAL COMPONENTS TO BE MARKED WITH A PART NUMBER AS REFERENCED IN BILL OF MATERIALS (BOM) AND PARTS LIST;</p> <p>LOOSE COMPONENTS OR COMPONENTS SUBJECT TO DAMAGE FROM EXPOSURE TO DUST OR WATER TO BE PACKED WITHIN HERMETICALLY SEALED PLASTIC BAGS</p> <p>DUPLICATE COPY OF INSTALLATION INSTRUCTION AND BOM TO BE INCLUDED;</p> <p>WITH DELIVERY NOTE:</p> <p>ESKOM DRAWING No. D-DT-2871 *</p>						
10	SAP 0637243, 0637244, 0637245, 06372461C 88+132kV 3 PIECE CABLE JOINT KITS ADDED AND 0606818 CORRECTED SAP NUMBER 0675620 ADDED.		P.A.T.	Q.KHUMALO	Q.KHUMALO	28.07.2020
9	SAP 0606817 CORRECTED FROM AL TO CU		P.A.T.	Q.KHUMALO	Q.KHUMALO	13.04.2017
8	ADDITIONAL CABLE JOINTS ADDED		P.A.T.	Q.KHUMALO	T. DU PLESSIS	10.11.2015
REV	REVISION DESCRIPTION		BY	CHKD	AUTH	DATE
AUTH:	R. KELLY	DATE:	18.06.2007			SAP No:
CHKD:	R. KELLY	DATE:	18.06.2007			0606813
DRAWN:	P.A. VERMAAK	DATE:	23.05.2007			71
				D-DT-2871		

Unique Identifier:240-48887441

Revision 1

## SPEC SHEET

SAP MATERIAL No.:		0637245					
SHORT DESCRIPTION:		KIT,CABLE JOINT:1C;88 KV;500;3 PIECE					
TECH. DESCRIPTION: KIT, CABLE JOINT: CORE QUANTITY: 1C; VOLTAGE: 88 KV; CABLE SIZE: 500 MM2; TYPE: 3 PIECE; INSULATION MATERIAL: XLPE; CONDUCTOR: AL; POTENTIAL: 51/88 KV; SHEATH INTERRUPTING XLPE-INSULATED 1 CORE CABLE STRANDED CONDUCTOR; CORRUGATED SEAMLESS ALUMINIUM SHEATH POLYETHYLENE OUTER SHEATH; COPPER SLEEVE WITH SHEATH INTERRUPTING INSULATOR; TORQUE SHEAR MECHANICAL FERRULE; 3 PIECE HAND PUSH ON STESS CONE ARRANGEMENT; TWO PIECE TOP AND BOTTOM FIBRE GLASS COFFIN OR OUTER BOX; CONSISTS OF: ALL NON-CONSUMABLE MATERIAL REQUIRED TO COMPLETE JOINT, BILL OF MATERIALS, FULLY DIMENSIONED ASSEMBLY DRAWINGS AND INSTRUCTION SHEET; ESKOM DRAWING No. D-DT-2871 *							




## SPEC SHEET

SAP MATERIAL No.:	0169164
SHORT DESCRIPTION:	JOINT KIT 1C 88kV 1000SQ AL OF D2871

### TECH. DESCRIPTION:

STRAIGHT THROUGH JOINT KIT FOR 51/88kV OIL-FILLED PAPER-INSULATED 1 CORE CABLE \*  
 1000mm SQUARE STRANDED AND SEGMENTED ALUMINIUM CONDUCTOR \*  
 OIL FILLED PAPER INSULATED (PRESSURIZED) \*  
 WITH OIL DUCT IN CENTRE OF CONDUCTOR \*  
 CORRUGATED SEAMLESS ALUMINIUM SHEATH \*  
 POLYETHYLENE OUTER SHEATH \*  
 SEE DRAWING D-DT-0881 (SHEET 2) \*  
 COPPER SLEEVE WITH SHEATH INTERRUPTER/INSULATING FLANGE \*  
 SUITABLE FOR SPECIALLY BONDED CABLE SHEATHS \*  
 FIBREGLASS OUTER BOX \*  
 CONSISTS OF :  
 ALL NON-CONSUMABLE MATERIAL REQUIRED TO COMPLETE JOINT,  
 BILL OF MATERIALS, FULLY DIMENSIONED ASSEMBLY DRAWINGS  
 AND INSTALLATION INSTRUCTION \*  
 BITUMEN COMPOUND TO BE EXCLUDED \*  
 WELDING JIG TO BE INCLUDED \*  
 SHELF LIFE : ITEMS WITH MORE THAN 1/3 OF LIFESPAN WILL NOT BE ACCEPTED \*  
 CABLE ACCESSORIES TO BE INDIVIDUALLY PACKED IN WOODEN/EQUIV CRATES  
 SUITABLE FOR STORAGE OVER LONG PERIODS \*  
 ESKOM SAP NUMBER TO BE STENCILLED ONTO CRATES TOGETHER WITH CRATE NUMBER \*  
 EACH CRATE TO BE CLEARLY MARKED WITH DURABLE LABEL  
 INDICATING THE CONTENTS OF THE CRATE (PARTS LIST) \*  
 ALL INDIVIDUAL COMPONENTS TO BE MARKED WITH A PART NUMBER AS  
 REFERENCED IN BILL OF MATERIALS (BOM) AND PARTS LIST \*  
 LOOSE COMPONENTS OR COMPONENTS SUBJECT TO DAMAGE FROM EXPOSURE  
 TO DUST OR WATER TO BE PACKED WITHIN HERMETICALLY SEALED PLASTIC BAGS \*  
 DUPLICATE COPY OF INSTALLATION INSTRUCTION AND BOM  
 TO BE INCLUDED WITH DELIVERY NOTE \*  
 ESKOM DRAWING No. D-DT-2871 \*

10	SAP 0637243, 0637244, 0637245, 06372461C 88+132kV 3 PIECE CABLE JOINT KITS ADDED AND 0606818 CORRECTED SAP NUMBER 0675620 ADDED.			P.A.T.	Q.KHUMALO	Q.KHUMALO	28.07.2020			
9	SAP 0606817 CORRECTED FROM AL TO CU			P.A.T.	Q.KHUMALO	Q.KHUMALO	13.04.2017			
8	ADDITIONAL CABLE JOINTS ADDED			P.A.T.	Q.KHUMALO	T. DU PLESSIS	10.11.2015			
REV	REVISION DESCRIPTION			BY	CHKD	AUTH	DATE	REF. DWGS		
AUTH:	R. KELLY	DATE:	18.06.2007	SCALE NTS			SAP No:			
CHKD:	R. KELLY	DATE:	18.06.2007	CAD REF: SERIES 2000			0169164			
DRAWN:	P.A. VERMAAK	DATE:	23.05.2007	FILE No:	D-DT-2871		SET	SHEET	REV	
				2871			71	30	10	


Unique Identifier:240-48887441

Revision 1

## SPEC SHEET

SAP MATERIAL No.:	0169144
SHORT DESCRIPTION:	JOINT KIT 1C 88kV 1000SQAL OF STOP D2871

TECH. DESCRIPTION:  
 STOP JOINT KIT FOR 51/88kV OIL-FILLED PAPER-INSULATED 1 CORE CABLE \*  
 1000mm SQUARE STRANDED AND SEGMENTED ALUMINIUM CONDUCTOR \*  
 OIL FILLED PAPER INSULATED (PRESSURIZED) \*  
 WITH OIL DUCT IN CENTRE OF CONDUCTOR \*  
 CORRUGATED SEAMLESS ALUMINIUM SHEATH \*  
 POLYETHYLENE OUTER SHEATH \*  
 SEE DRAWING D-DT-0881 (SHEET 2) \*  
 COPPER SLEEVE WITH SHEATH INTERRUPTER/INSULATING FLANGE \*  
 SUITABLE FOR SPECIALLY BONDED CABLE SHEATHS \*  
 FIBREGLASS OUTER BOX \*  
 CONSISTS OF :  
 ALL NON-CONSUMABLE MATERIAL REQUIRED TO COMPLETE JOINT,  
 BILL OF MATERIALS, FULLY DIMENSIONED ASSEMBLY DRAWINGS  
 AND INSTALLATION INSTRUCTION \* BITUMEN COMPOUND TO BE EXCLUDED \*  
 WELDING JIG TO BE INCLUDED \*  
 SHELF LIFE : ITEMS WITH MORE THAN 1/3 OF LIFESPAN WILL NOT BE ACCEPTED \*  
 CABLE ACCESSORIES TO BE INDIVIDUALLY PACKED IN WOODEN/EQUIV CRATES  
 SUITABLE FOR STORAGE OVER LONG PERIODS \*  
 ESKOM SAP NUMBER TO BE STENCILLED ONTO CRATES TOGETHER WITH CRATE NUMBER \*  
 EACH CRATE TO BE CLEARLY MARKED WITH DURABLE LABEL  
 INDICATING THE CONTENTS OF THE CRATE (PARTS LIST) \*  
 ALL INDIVIDUAL COMPONENTS TO BE MARKED WITH A PART NUMBER AS  
 REFERENCED IN BILL OF MATERIALS (BOM) AND PARTS LIST \*  
 LOOSE COMPONENTS OR COMPONENTS SUBJECT TO DAMAGE FROM EXPOSURE  
 TO DUST OR WATER TO BE PACKED WITHIN HERMETICALLY SEALED PLASTIC BAGS \*  
 DUPLICATE COPY OF INSTALLATION INSTRUCTION AND BOM  
 TO BE INCLUDED WITH DELIVERY NOTE \*  
 ESKOM DRAWING No. D-DT-2871 \*

10	SAP 0637243, 0637244, 0637245, 06372461C 88+132kV 3 PIECE CABLE JOINT KITS ADDED AND 0606818 CORRECTED SAP NUMBER 0675620 ADDED.			P.A.T.	Q.KHUMALO	Q.KHUMALO	28.07.2020			
9	SAP 0606817 CORRECTED FROM AL TO CU			P.A.T.	Q.KHUMALO	Q.KHUMALO	13.04.2017			
8	ADDITIONAL CABLE JOINTS ADDED			P.A.T.	Q.KHUMALO	T. DU PLESSIS	10.11.2015			
REV	REVISION DESCRIPTION				BY	CHKD	AUTH	DATE	REF. DWGS	
AUTH:	R. KELLY		DATE:	18.06.2007			SAP No:		0169144	
CHKD:	R. KELLY		DATE:	18.06.2007	D-DT-2871		SET		SHEET	REV
DRAWN:	P.A. VERMAAK		DATE:	23.05.2007						

## SPEC SHEET

SAP MATERIAL No.:	0168342
SHORT DESCRIPTION:	JOINT KIT 1C 88kV 1000XLPE-1C1000OFD2871

### TECH. DESCRIPTION:

TRANSITION STOP JOINT KIT FOR 51/88kV XLPE-INSULATED 1 CORE CABLE TO OIL-FILLED PAPER-INSULATED 1 CORE CABLE \*

1 CORE XLPE CABLE DETAILS :

1000mm SQUARE STRANDED ALUMINIUM CONDUCTOR (SEE DRAWING D-DT-0881 SHEET 11) OR 900mm SQUARE STRANDED ALUMINIUM AND SEGMENTED CONDUCTOR (SEE DRAWING D-DT-0881 SHEET 4) \*

XLPE INSULATED \*

CORRUGATED SEAMLESS ALUMINIUM SHEATH \*

POLYETHYLENE OUTER SHEATH \*

1 CORE OIL-FILLED CABLE DETAILS : 1000mm SQUARE STRANDED AND SEGMENTED ALUMINIUM CONDUCTOR OIL-FILLED PAPER INSULATED (PRESSURIZED) \*

WITH OIL DUCT IN CENTRE OF CONDUCTOR \*

CORRUGATED SEAMLESS ALUMINIUM SHEATH \* POLYETHYLENE OUTER SHEATH \*

SEE DRAWING D-DT-0881 (SHEET 2) \*

COPPER SLEEVE WITH SHEATH INTERRUPTER/INSULATING FLANGE \*

SUITABLE FOR SPECIALLY BONDED CABLE SHEATHS \*

FIBREGLOSS OUTER BOX \*

JOINT KIT ALSO SUITABLE FOR XLPE INSULATED CABLE WITH 900mm SQUARE STRANDED ALUMINIUM CONDUCTOR \* SEE DRAWING D-DT-0881 (SHEET 4) \*

CONSISTS OF :

ALL NON-CONSUMABLE MATERIAL REQUIRED TO COMPLETE JOINT, BILL OF MATERIALS, FULLY DIMENSIONED ASSEMBLY DRAWINGS AND INSTALLATION INSTRUCTION \*

BITUMEN COMPOUND TO BE EXCLUDED \*

WELDING JIG TO BE INCLUDED \*

SHELF LIFE : ITEMS WITH MORE THAN 1/3 OF LIFESPAN WILL NOT BE ACCEPTED \*

CABLE ACCESSORIES TO BE INDIVIDUALLY PACKED IN WOODEN/EQUIV CRATES SUITABLE FOR STORAGE OVER LONG PERIODS \*

ESKOM SAP NUMBER TO BE STENCILLED ONTO CRATES TOGETHER WITH CRATE NUMBER \*


EACH CRATE TO BE CLEARLY MARKED WITH DURABLE LABEL INDICATING THE CONTENTS OF THE CRATE (PARTS LIST) \*

ALL INDIVIDUAL COMPONENTS TO BE MARKED WITH A PART NUMBER AS REFERENCED IN BILL OF MATERIALS (BOM) AND PARTS LIST \*

LOOSE COMPONENTS OR COMPONENTS SUBJECT TO DAMAGE FROM EXPOSURE TO DUST OR WATER TO BE PACKED WITHIN HERMETICALLY SEALED PLASTIC BAGS \*

DUPLICATE COPY OF INSTALLATION INSTRUCTION AND BOM TO BE INCLUDED WITH DELIVERY NOTE \*

ESKOM DRAWING No. D-DT-2871 \*

10	SAP 0637243, 0637244, 0637245, 06372461C 88+132kV 3 PIECE CABLE JOINT KITS ADDED AND 0606818 CORRECTED SAP NUMBER 0675620 ADDED.			P.A.T.	Q.KHUMALO	Q.KHUMALO	28.07.2020			
9	SAP 0606817 CORRECTED FROM AL TO CU			P.A.T.	Q.KHUMALO	Q.KHUMALO	13.04.2017			
8	ADDITIONAL CABLE JOINTS ADDED			P.A.T.	Q.KHUMALO	T. DU PLESSIS	10.11.2015			
REV	REVISION DESCRIPTION			BY	CHKD	AUTH	DATE	REF. DWGS		
AUTH:	R. KELLY	DATE:	18.06.2007	SCALE NTS			SAP No:		0168342	
CHKD:	R. KELLY	DATE:	18.06.2007	CAD REF: SERIES 2000						
DRAWN:	P.A. VERMAAK	DATE:	23.05.2007	FILE No: 2871	D-DT-2871		SET	SHEET	REV	
							71	32	10	

Unique Identifier:240-48887441


Revision 1

## SPEC SHEET

SAP MATERIAL No.:	0606814
SHORT DESCRIPTION:	KIT,CABLE JOINT:88KV; 1C; 1000; OF

### TECH. DESCRIPTION:

KIT, CABLE JOINT: POTENTIAL: 88KV; 1C; 1000; OF;  
 CONDUCTOR: 1000 MM2; CABLE SIZE: 1000 MM2;  
 SPECIFICATION: ESKOM SPEC: D-0881; D-2870;D-8070; TYPE: TRANSITION STOP;  
 TRANSITION STOP JOINT;  
 KIT FOR 50/88KV OIL-FILLED PAPER-INSULATED 1 CORE CABLE TO XLPE INSULATED 1 CORE CABLE;  
 1 CORE OIL-FILLED CABLE DETAILS: 1000MM SQUARE STRANDED ALUMINIUM CONDUCTOR;  
 OIL FILLED PAPER INSULATED (PRESSURIZED);  
 CORRUGATED SEAMLESS ALUMINIUM SHEATH;  
 POLYETHYLENE OUTER SHEATH; SEE DRAWING: D-DT-0881 (SHEET 2 OF 38);  
 BUYERS GUIDE D-DT 2870, SAP NUMBER 0171401;  
 1 CORE XLPE CABLE DETAILS: 1000MM SQUARE STRANDED ALUMINIUM CONDUCTOR;  
 XLPE INSULATED; CORRUGATED SEAMLESS ALUMINIUM SHEATH;  
 POLYETHYLENE OUTER SHEATH; BUYERS GUIDE D-DT-8070; SAP NUMBER 0186929;  
 COPPER SLEEVE WITH SHEATH INTERRUPTER/INSULATING FLANGE;  
 SUITABLE FOR SPECIALLY BONDED CABLE SHEATHS;  
 FIBREGLASS OUTER BOX;  
 CONSISTS OF: ALL NON-CONSUMABLE MATERIAL REQUIRED TO COMPLETE JOINT,  
 BILL OF MATERIALS, FULLY DIMENSIONED ASSEMBLY DRAWINGS AND INSTALLATION NSTRUCTIONS;  
 BITUMEN COMPOUND TO BE EXCLUDED; WELDING JIG TO BE INCLUDED;  
 SHELF LIFE: ITEMS WITH MORE THAN 1/3 OF LIFESPAN WILL NOT BE ACCEPTED;  
 CABLE ACCESSORIES TO BE INDIVIDUALLY PACKED IN WOODEN/EQUIV CRATES;  
 SUITABLE FOR STORAGE OVER LONG PERIODS;  
 ESKOM SAP NUMBER TO BE STENCILLED ONTO CRATES TOGETHER WITH CRATE NUMBER;  
 EACH CRATE TO BE CLEARLY MARKED;  
 WITH DURABLE LABEL INDICATING THE CONTENTS OF THE CRATE (PARTS LIST);  
 ALL INDIVIDUAL COMPONENTS TO BE MARKED;  
 WITH A PART NUMBER AS REFERENCED IN BILL OF MATERIALS (BOM) AND PARTS LIST;  
 LOOSE COMPONENTS OR COMPONENTS SUBJECT TO DAMAGE FROM EXPOSURE TO DUST OR  
 WATER TO BE PACKED WITHIN HERMETICALLY SEALED PLASTIC BAGS;  
 DUPLICATE COPY OF INSTALLATION INSTRUCTION AND BOM TO BE INCLUDED;  
 WITH DELIVERY NOTE:  
 ESKOM DRAWING No. D-DT-2871 \*

10	SAP 0637243, 0637244, 0637245, 06372461C 88+132kV 3 PIECE CABLE JOINT KITS ADDED AND 0606818 CORRECTED SAP NUMBER 0675620 ADDED.			P.A.T.	Q.KHUMALO	Q.KHUMALO	28.07.2020			
9	SAP 0606817 CORRECTED FROM AL TO CU			P.A.T.	Q.KHUMALO	Q.KHUMALO	13.04.2017			
8	ADDITIONAL CABLE JOINTS ADDED			P.A.T.	Q.KHUMALO	T. DU PLESSIS	10.11.2015			
REV	REVISION DESCRIPTION			BY	CHKD	AUTH	DATE	REF. DWGS		
AUTH:	R. KELLY	DATE:	18.06.2007	SCALE NTS	 <b>D-DT-2871</b>		SAP No: 0606814			
CHKD:	R. KELLY	DATE:	18.06.2007	CAD REF: SERIES 2000			SET	SHEET	REV	
DRAWN:	P.A. VERMAAK	DATE:	23.05.2007	FILE No: 2871			71	33	10	

Unique Identifier:240-48887441

Revision 1


## SPEC SHEET

SAP MATERIAL No.:	0637243							
SHORT DESCRIPTION:	KIT,CABLE JOINT:1C;88 KV;1000;3PIECE							
<b>TECH. DESCRIPTION:</b> KIT, CABLE JOINT: CORE QUANTITY: 1C; VOLTAGE: 132 KV; CABLE SIZE: 1000 MM2; TYPE: 3PIECE; INSULATION MATERIAL: XLPE; CONDUCTOR: AL; POTENTIAL: 76/132 KV; SHEATH INTERRUPTING XLPE-INSULATED 1 CORE CABLE STRANDED CONDUCTOR; CORRUGATED SEAMLESS ALUMINIUM SHEATH POLYETHYLENE OUTER SHEATH; COPPER SLEEVE WITH SHEATH INTERRUPTING INSULATOR; TORQUE SHEAR MECHANICAL FERRULE; 3 PIECE HAND PUSH ON STRESS CONE ARRANGEMENT; TWO PIECE TOP AND BOTTOM FIBRE GLASS COFFIN OR OUTER BOX; CONSISTS OF: ALL NON-CONSUMABLE MATERIAL REQUIRED TO COMPLETE JOINT, BILL OF MATERIALS, FULLY DIMENSIONED ASSEMBLY DRAWINGS AND INSTRUCTION SHEET; ESKOM DRAWING No. D-DT-2871 *								
10	SAP 0637243, 0637244, 0637245, 06372461C 88+132kV 3 PIECE CABLE JOINT KITS ADDED AND 0606818 CORRECTED SAP NUMBER 0675620 ADDED.			P.A.T.	Q.KHUMALO	Q.KHUMALO	28.07.2020	
9	SAP 0606817 CORRECTED FROM AL TO CU			P.A.T.	Q.KHUMALO	Q.KHUMALO	13.04.2017	
8	ADDITIONAL CABLE JOINTS ADDED			P.A.T.	Q.KHUMALO	T. DU PLESSIS	10.11.2015	
REV	REVISION DESCRIPTION			BY	CHKD	AUTH	DATE	REF. DWGS
AUTH:	R. KELLY	DATE:	18.06.2007	 <b>D-DT-2871</b>		SAP No: <b>0637243</b>		
CHKD:	R. KELLY	DATE:	18.06.2007			SET	SHEET	REV
DRAWN:	P.A. VERMAAK	DATE:	23.05.2007			<b>71</b>	<b>34</b>	<b>10</b>

Unique Identifier:240-48887441

Revision 1


## SPEC SHEET

SAP MATERIAL No.:	0234597							
SHORT DESCRIPTION:	JOINT KIT 3C 132kV 185SQ AL OF D2871							
<p>TECH. DESCRIPTION:</p> <p>STRAIGHT THROUGH JOINT KIT FOR 76/132kV OIL-FILLED PAPER INSULATED 3 CORE CABLE *</p> <p>185mm SQUARE STRANDED ALUMINIUM CONDUCTOR *</p> <p>OIL FILLED PAPER INSULATED *</p> <p>CARBON PAPER CONDUCTOR SCREEN *</p> <p>CORRUGATED SEAMLESS ALUMINIUM SHEATH *</p> <p>PE OUTER SHEATH *</p> <p>SEE D-DT-0881 (SHEET 29) *</p> <p>COPPER SLEEVE *</p> <p>FIBREGLASS OUTER BOX *</p> <p>CONSISTS OF : ALL NON-CONSUMABLE MATERIAL REQUIRED TO COMPLETE JOINT, BILL OF MATERIALS, FULLY DIMENSIONED ASSEMBLY DRAWINGS AND INSTALLATION INSTRUCTION *</p> <p>BITUMEN COMPOUND TO BE EXCLUDED *</p> <p>WELDING JIG TO BE INCLUDED *</p> <p>SHELF LIFE : ITEMS WITH MORE THAN 1/3 OF LIFESPAN WILL NOT BE ACCEPTED *</p> <p>CABLE ACCESSORIES TO BE INDIVIDUALLY PACKED IN WOODEN/EQUIV CRATES</p> <p>SUITABLE FOR STORAGE OVER LONG PERIODS *</p> <p>ESKOM SAP NUMBER TO BE STENCILLED ONTO CRATES TOGETHER WITH CRATE NUMBER *</p> <p>EACH CRATE TO BE CLEARLY MARKED WITH DURABLE LABEL</p> <p>INDICATING THE CONTENTS OF THE CRATE (PARTS LIST) *</p> <p>ALL INDIVIDUAL COMPONENTS TO BE MARKED WITH A PART NUMBER AS</p> <p>REFERENCED IN BILL OF MATERIALS (BOM) AND PARTS LIST *</p> <p>LOOSE COMPONENTS OR COMPONENTS SUBJECT TO DAMAGE FROM EXPOSURE</p> <p>TO DUST OR WATER TO BE PACKED WITHIN HERMETICALLY SEALED PLASTIC BAGS *</p> <p>DUPLICATE COPY OF INSTALLATION INSTRUCTION AND BOM</p> <p>TO BE INCLUDED WITH DELIVERY NOTE *</p> <p>ESKOM DRAWING No. D-DT-2871 *</p>								
10	SAP 0637243, 0637244, 0637245, 06372461C 88+132kV 3 PIECE CABLE JOINT KITS ADDED AND 0606818 CORRECTED SAP NUMBER 0675620 ADDED.			P.A.T.	Q.KHUMALO	Q.KHUMALO	28.07.2020	
9	SAP 0606817 CORRECTED FROM AL TO CU			P.A.T.	Q.KHUMALO	Q.KHUMALO	13.04.2017	
8	ADDITIONAL CABLE JOINTS ADDED			P.A.T.	Q.KHUMALO	T. DU PLESSIS	10.11.2015	
REV	REVISION DESCRIPTION			BY	CHKD	AUTH	DATE	
AUTH:	R. KELLY	DATE:	18.06.2007	 <b>D-DT-2871</b>		SAP No:		
CHKD:	R. KELLY	DATE:	18.06.2007			0234597		
DRAWN:	P.A. VERMAAK	DATE:	23.05.2007			SET	SHEET	REV
						71	35	10

## SPEC SHEET

SAP MATERIAL No.:	0234598
SHORT DESCRIPTION:	JOINT KIT 3C 132kV 185SQ AL OF STOPD2871

TECH. DESCRIPTION:  
 STOP JOINT KIT FOR 76/132kV OIL-FILLED PAPER INSULATED 3 CORE CABLE \*  
 185mm SQUARE STRANDED ALUMINIUM CONDUCTOR \*  
 OIL FILLED PAPER INSULATED \*  
 CARBON PAPER CONDUCTOR SCREEN \*  
 CORRUGATED SEAMLESS ALUMINIUM SHEATH \*  
 PE OUTER SHEATH \*  
 SEE D-DT-0881 (SHEET 29) \*  
 COPPER SLEEVE WITH SHEATH INTERRUPTER/INSULATING FLANGE \*  
 FIBREGLASS OUTER BOX \*  
 CONSISTS OF : ALL NON-CONSUMABLE MATERIAL REQUIRED TO COMPLETE JOINT, BILL OF MATERIALS, FULLY DIMENSIONED ASSEMBLY DRAWINGS AND INSTALLATION INSTRUCTION \*  
 BITUMEN COMPOUND TO BE EXCLUDED \*  
 WELDING JIG TO BE INCLUDED \*  
 SHELF LIFE : ITEMS WITH MORE THAN 1/3 OF LIFESPAN WILL NOT BE ACCEPTED \*  
 CABLE ACCESSORIES TO BE INDIVIDUALLY PACKED IN WOODEN/EQUIV CRATES  
 SUITABLE FOR STORAGE OVER LONG PERIODS \*  
 ESKOM SAP NUMBER TO BE STENCILLED ONTO CRATES TOGETHER WITH CRATE NUMBER \*  
 EACH CRATE TO BE CLEARLY MARKED WITH DURABLE LABEL  
 INDICATING THE CONTENTS OF THE CRATE (PARTS LIST) \*  
 ALL INDIVIDUAL COMPONENTS TO BE MARKED WITH A PART NUMBER AS  
 REFERENCED IN BILL OF MATERIALS (BOM) AND PARTS LIST \*  
 LOOSE COMPONENTS OR COMPONENTS SUBJECT TO DAMAGE FROM EXPOSURE  
 TO DUST OR WATER TO BE PACKED WITHIN HERMETICALLY SEALED PLASTIC BAGS \*  
 DUPLICATE COPY OF INSTALLATION INSTRUCTION AND BOM  
 TO BE INCLUDED WITH DELIVERY NOTE \*  
 ESKOM DRAWING No. D-DT-2871 \*

10	SAP 0637243, 0637244, 0637245, 06372461C 88+132kV 3 PIECE CABLE JOINT KITS ADDED AND 0606818 CORRECTED SAP NUMBER 0675620 ADDED.	P.A.T.	Q.KHUMALO	Q.KHUMALO	28.07.2020	
9	SAP 0606817 CORRECTED FROM AL TO CU	P.A.T.	Q.KHUMALO	Q.KHUMALO	13.04.2017	
8	ADDITIONAL CABLE JOINTS ADDED	P.A.T.	Q.KHUMALO	T. DU PLESSIS	10.11.2015	
REV	REVISION DESCRIPTION	BY	CHKD	AUTH	DATE	REF. DWGS
AUTH:	R. KELLY	DATE:	18.06.2007	 <b>D-DT-2871</b>	SAP No:	
CHKD:	R. KELLY	DATE:	18.06.2007		0234598	
DRAWN:	P.A. VERMAAK	DATE:	23.05.2007		SET	SHEET
					71	36
						REV
						10

Unique Identifier:240-48887441

Revision 1



## SPEC SHEET

SAP MATERIAL No.:	0234599
SHORT DESCRIPTION:	BOX.SPLITTER 3C 132kV 185SQ AL OF D2871

TECH. DESCRIPTION:

SPLITTER BOX FOR 76/132kV OIL-FILLED PAPER INSULATED

3 CORE CABLE \*

185mm SQUARE STRANDED ALUMINIUM CONDUCTOR \*

OIL FILLED PAPER INSULATED \*

CARBON PAPER CONDUCTOR SCREEN \*

CORRUGATED SEAMLESS ALUMINIUM SHEATH \*

PE OUTER SHEATH \*

SEE D-DT-0881 (SHEET 29) \*

CONSISTS OF : SPLITTER BOX AND 3 OFF 15m LONG OUTER PROTECTION SHEATHS,  
ALL NON-CONSUMABLE MATERIAL REQUIRED TO COMPLETE JOINT, BILL OF MATERIALS, FULLY  
DIMENSIONED ASSEMBLY DRAWINGS AND INSTALLATION INSTRUCTION \*

SHELF LIFE : ITEMS WITH MORE THAN  $\frac{1}{3}$  OF LIFESPAN WILL NOT BE ACCEPTED \*

CABLE ACCESSORIES TO BE INDIVIDUALLY PACKED IN WOODEN/EQUIV CRATES

SUITABLE FOR STORAGE OVER LONG PERIODS \*

ESKOM SAP NUMBER TO BE STENCILLED ONTO CRATES TOGETHER WITH CRATE NUMBER \*

EACH CRATE TO BE CLEARLY MARKED WITH DURABLE LABEL

INDICATING THE CONTENTS OF THE CRATE (PARTS LIST) \*

ALL INDIVIDUAL COMPONENTS TO BE MARKED WITH A PART NUMBER AS

REFERENCED IN BILL OF MATERIALS (BOM) AND PARTS LIST \*


LOOSE COMPONENTS OR COMPONENTS SUBJECT TO DAMAGE FROM EXPOSURE

TO DUST OR WATER TO BE PACKED WITHIN HERMETICALLY SEALED PLASTIC BAGS \*

DUPLICATE COPY OF INSTALLATION INSTRUCTION AND BOM

TO BE INCLUDED WITH DELIVERY NOTE \*

ESKOM DRAWING No. D-DT-2871 \*

10	SAP 0637243, 0637244, 0637245, 06372461C 88+132kV 3 PIECE CABLE JOINT KITS ADDED AND 0606818 CORRECTED SAP NUMBER 0675620 ADDED.				P.A.T.	Q.KHUMALO	Q.KHUMALO	28.07.2020			
9	SAP 0606817 CORRECTED FROM AL TO CU				P.A.T.	Q.KHUMALO	Q.KHUMALO	13.04.2017			
8	ADDITIONAL CABLE JOINTS ADDED				P.A.T.	Q.KHUMALO	T. DU PLESSIS	10.11.2015			
REV	REVISION DESCRIPTION				BY	CHKD	AUTH	DATE	REF. DWGS		
AUTH:	R. KELLY		DATE:	18.06.2007	SCALE NTS			SAP No:			
CHKD:	R. KELLY		DATE:	18.06.2007	CAD REF: SERIES 2000			0234599			
DRAWN:	P.A. VERMAAK		DATE:	23.05.2007	FILE No: 2871	D-DT-2871		SET	SHEET	REV	
								71	37	10	

Unique Identifier:240-48887441


Revision 1

## SPEC SHEET

SAP MATERIAL No.:	0606816
SHORT DESCRIPTION:	KIT,CABLE JOINT:132KV; 1C; 185; OF

### TECH. DESCRIPTION:

KIT, CABLE JOINT: POTENTIAL: 132KV; 1C; 185; OF;  
 CONDUCTOR: 185 MM2; CABLE SIZE: 185 MM2;  
 SPECIFICATION: ESKOM SPEC: D-0881; D-2870;D-8070; TYPE: TRANSITION STOP;  
 TRANSITION STOP JOINT KIT;  
 FOR 76/132KV OIL-FILLED PAPER-INSULATED 1 CORE CABLE TO XLPE INSULATED 1 CORE CABLE;  
 1 CORE OIL-FILLED CABLE DETAILS: 185MM SQUARE STRANDED ALUMINIUM CONDUCTOR;  
 OIL FILLED PAPER INSULATED (PRESSURIZED);  
 CORRUGATED SEAMLESS ALUMINIUM SHEATH;  
 POLYETHYLENE OUTER SHEATH; SEE DRAWING D-DT-0881 (SHEET 29 OF 38);  
 BUYERS GUIDE D-DT 2870, SAP NUMBER 0236344;  
 1 CORE XLPE CABLE DETAILS: 300MM SQUARE STRANDED ALUMINIUM CONDUCTOR;  
 XLPE INSULATED; CORRUGATED SEAMLESS ALUMINIUM SHEATH;  
 POLYETHYLENE OUTER SHEATH; BUYERS GUIDE D-DT-8070; SAP NUMBER: 0236349;  
 COPPER SLEEVE WITH SHEATH INTERRUPTER/INSULATING FLANGE  
 SUITABLE FOR SPECIALLY BONDED CABLE SHEATHS;  
 FIBREGLASS OUTER BOX; CONSISTS OF: ALL NON-CONSUMABLE MATERIAL REQUIRED TO  
 COMPLETE JOINT, BILL OF MATERIALS, FULLY DIMENSIONED ASSEMBLY DRAWINGS AND  
 INSTALLATION INSTRUCTIONS;  
 BITUMEN COMPOUND TO BE EXCLUDED; WELDING JIG TO BE INCLUDED;  
 SHELF LIFE : ITEMS WITH MORE THAN 1/3 OF LIFESPAN WILL NOT BE ACCEPTED;  
 CABLE ACCESSORIES TO BE INDIVIDUALLY PACKED IN WOODEN/EQUIV CRATES SUITABLE  
 FOR STORAGE OVER LONG PERIODS;  
 ESKOM SAP NUMBER TO BE STENCILLED ONTO CRATES TOGETHER WITH CRATE NUMBER;  
 EACH CRATE TO BE CLEARLY MARKED WITH DURABLE LABEL INDICATING THE CONTENTS OF THE  
 CRATE (PARTS LIST); ALL INDIVIDUAL COMPONENTS TO BE MARKED WITH A PART NUMBER AS  
 REFERENCED IN BILL OF MATERIALS (BOM) AND PARTS LIST;  
 LOOSE COMPONENTS OR COMPONENTS SUBJECT TO DAMAGE FROM EXPOSURE TO DUST OR  
 WATER TO BE PACKED WITHIN HERMETICALLY SEALED PLASTIC BAGS;  
 DUPLICATE COPY OF INSTALLATION INSTRUCTION AND BOM TO BE INCLUDED;  
 WITH DELIVERY NOTE;  
 ESKOM DRAWING No. D-DT-2871 \*

10	SAP 0637243, 0637244, 0637245, 06372461C 88+132kV 3 PIECE CABLE JOINT KITS ADDED AND 0606818 CORRECTED SAP NUMBER 0675620 ADDED.			P.A.T.	Q.KHUMALO	Q.KHUMALO	28.07.2020			
9	SAP 0606817 CORRECTED FROM AL TO CU			P.A.T.	Q.KHUMALO	Q.KHUMALO	13.04.2017			
8	ADDITIONAL CABLE JOINTS ADDED			P.A.T.	Q.KHUMALO	T. DU PLESSIS	10.11.2015			
REV	REVISION DESCRIPTION				BY	CHKD	AUTH	DATE	REF. DWGS	
AUTH:	R. KELLY		DATE:	18.06.2007	<div>SCALE NTS</div> <div></div>		SAP No:		0606816	
CHKD:	R. KELLY		DATE:	18.06.2007						
					<div>CAD REF: SERIES 2000</div> <div>D-DT-2871</div>		SET		SHEET	REV
DRAWN:	P.A. VERMAAK		DATE:	23.05.2007			71		38	10


Unique Identifier:240-48887441

Revision 1

## SPEC SHEET

SAP MATERIAL No.:	0168386
SHORT DESCRIPTION:	JOINT KIT 3C 132kV 400SQ CU OF D2871

TECH. DESCRIPTION:  
 STRAIGHT THROUGH JOINT FOR 76/132kV OIL-FILLED PAPER-INSULATED 3 CORE CABLE \*  
 400mm SQUARE STRANDED COPPER CONDUCTOR \*  
 OIL FILLED PAPER INSULATED (PRESSURIZED) \* WITH OIL DUCTS  
 CORRUGATED SEAMLESS ALUMINIUM SHEATH \*  
 PVC OUTER SHEATH \*  
 SEE DRAWING D-DT-0881 (SHEET 1) \*  
 FIBREGLASS OUTER BOX \*  
 CONSISTS OF : ALL NON-CONSUMABLE MATERIAL REQUIRED TO COMPLETE JOINT, BILL OF MATERIALS, FULLY DIMENSIONED ASSEMBLY DRAWINGS AND INSTALLATION INSTRUCTION \*  
 BITUMEN COMPOUND TO BE EXCLUDED \*  
 CRIMPING FERRULES AND DIE TO BE INCLUDED \*  
 SHELF LIFE : ITEMS WITH MORE THAN 1/3 OF LIFESPAN WILL NOT BE ACCEPTED \*  
 CABLE ACCESSORIES TO BE INDIVIDUALLY PACKED IN WOODEN/EQUIV CRATES  
 SUITABLE FOR STORAGE OVER LONG PERIODS \*  
 ESKOM SAP NUMBER TO BE STENCILLED ONTO CRATES TOGETHER WITH CRATE NUMBER \*  
 EACH CRATE TO BE CLEARLY MARKED WITH DURABLE LABEL  
 INDICATING THE CONTENTS OF THE CRATE (PARTS LIST) \*  
 ALL INDIVIDUAL COMPONENTS TO BE MARKED WITH A PART NUMBER AS  
 REFERENCED IN BILL OF MATERIALS (BOM) AND PARTS LIST \*  
 LOOSE COMPONENTS OR COMPONENTS SUBJECT TO DAMAGE FROM EXPOSURE  
 TO DUST OR WATER TO BE PACKED WITHIN HERMETICALLY SEALED PLASTIC BAGS \*  
 DUPLICATE COPY OF INSTALLATION INSTRUCTION AND BOM  
 TO BE INCLUDED WITH DELIVERY NOTE \*  
 ESKOM DRAWING No. D-DT-2871 \*

10	SAP 0637243, 0637244, 0637245, 06372461C 88+132kV 3 PIECE CABLE JOINT KITS ADDED AND 0606818 CORRECTED SAP NUMBER 0675620 ADDED.	P.A.T.	Q.KHUMALO	Q.KHUMALO	28.07.2020	
9	SAP 0606817 CORRECTED FROM AL TO CU	P.A.T.	Q.KHUMALO	Q.KHUMALO	13.04.2017	
8	ADDITIONAL CABLE JOINTS ADDED	P.A.T.	Q.KHUMALO	T. DU PLESSIS	10.11.2015	
REV	REVISION DESCRIPTION	BY	CHKD	AUTH	DATE	REF. DWGS
AUTH:	R. KELLY	DATE:	18.06.2007	 <b>D-DT-2871</b>	SAP No:	
CHKD:	R. KELLY	DATE:	18.06.2007		0168386	
DRAWN:	P.A. VERMAAK	DATE:	23.05.2007		SET	SHEET
					71	39
						REV
						10

Unique Identifier:240-48887441

Revision 1

## SPEC SHEET

SAP MATERIAL No.:	0168307
SHORT DESCRIPTION:	JOINT KIT 3C 132kV 400SQCU OF STOP D2871

### TECH. DESCRIPTION:

STOP JOINT KIT FOR 76/132kV OIL-FILLED PAPER-INSULATED 3 CORE CABLE \*

400mm SQUARE STRANDED COPPER CONDUCTOR \*

OIL FILLED PAPER INSULATED (PRESSURIZED) \*

WITH OIL DUCTS CORRUGATED SEAMLESS ALUMINIUM SHEATH \*

PVC OUTER SHEATH \*

SEE DRAWING D-DT-0881 (SHEET 1) \*

COPPER SLEEVE WITH SHEATH INTERRUPTER/INSULATING FLANGE \*

FIBREGLASS OUTER BOX \*

CONSISTS OF : ALL NON-CONSUMABLE MATERIAL REQUIRED TO COMPLETE JOINT,  
BILL OF MATERIALS, FULLY DIMENSIONED ASSEMBLY DRAWINGS AND INSTALLATION INSTRUCTION \*

BITUMEN COMPOUND TO BE EXCLUDED \*

CRIMPING FERRULES AND DIE TO BE INCLUDED \*

SHELF LIFE : ITEMS WITH MORE THAN 1/3 OF LIFESPAN WILL NOT BE ACCEPTED \*

CABLE ACCESSORIES TO BE INDIVIDUALLY PACKED IN WOODEN/EQUIV CRATES  
SUITABLE FOR STORAGE OVER LONG PERIODS \*

ESKOM SAP NUMBER TO BE STENCILLED ONTO CRATES TOGETHER WITH CRATE NUMBER \*


EACH CRATE TO BE CLEARLY MARKED WITH DURABLE LABEL  
INDICATING THE CONTENTS OF THE CRATE (PARTS LIST) \*

ALL INDIVIDUAL COMPONENTS TO BE MARKED WITH A PART NUMBER AS  
REFERENCED IN BILL OF MATERIALS (BOM) AND PARTS LIST \*

LOOSE COMPONENTS OR COMPONENTS SUBJECT TO DAMAGE FROM EXPOSURE  
TO DUST OR WATER TO BE PACKED WITHIN HERMETICALLY SEALED PLASTIC BAGS \*

DUPLICATE COPY OF INSTALLATION INSTRUCTION AND BOM  
TO BE INCLUDED WITH DELIVERY NOTE \*

ESKOM DRAWING No. D-DT-2871 \*

10	SAP 0637243, 0637244, 0637245, 06372461C 88+132kV 3 PIECE CABLE JOINT KITS ADDED AND 0606818 CORRECTED SAP NUMBER 0675620 ADDED.	P.A.T.	Q.KHUMALO	Q.KHUMALO	28.07.2020	
9	SAP 0606817 CORRECTED FROM AL TO CU	P.A.T.	Q.KHUMALO	Q.KHUMALO	13.04.2017	
8	ADDITIONAL CABLE JOINTS ADDED	P.A.T.	Q.KHUMALO	T. DU PLESSIS	10.11.2015	
REV	REVISION DESCRIPTION	BY	CHKD	AUTH	DATE	REF. DWGS
AUTH:	R. KELLY	DATE:	18.06.2007	 <b>D-DT-2871</b>	SAP No: 0168307	
CHKD:	R. KELLY	DATE:	18.06.2007		SET	SHEET
DRAWN:	P.A. VERMAAK	DATE:	23.05.2007		71	40
						REV 10


Unique Identifier:240-48887441

Revision 1

## SPEC SHEET

SAP MATERIAL No.:	0193945
SHORT DESCRIPTION:	JOINT KIT 3C 132kV 400SQCU OF TRIF D2871

TECH. DESCRIPTION:  
 TRIFURCATING JOINT FOR 76/132kV OIL-FILLED  
 PAPER-INSULATED 3 CORE CABLE \*  
 400mm SQUARE STRANDED COPPER CONDUCTOR \*  
 OIL FILLED PAPER INSULATED (PRESSURIZED) \*  
 WITH OIL DUCTS \*  
 CORRUGATED SEAMLESS ALUMINIUM SHEATH \*  
 PVC OUTER SHEATH \*  
 SEE D-DT-0881 (SHEET 1) FOR 3 CORE CABLE AND  
 SEE D-DT-0881 (SHEET 6) FOR 1 CORE CABLE \*  
 COPPER SLEEVE \* SUITABLE FOR SPECIALLY BONDED CABLE SHEATHS \*  
 FIBREGLASS OUTER BOX \*  
 CONSISTS OF : ALL NON-CONSUMABLE MATERIAL REQUIRED TO COMPLETE JOINT, BILL OF  
 MATERIALS, FULLY DIMENSIONED ASSEMBLY DRAWINGS AND INSTALLATION INSTRUCTION \*  
 BITUMEN COMPOUND TO BE EXCLUDED \*  
 CRIMPING FERRULES AND DIE TO BE INCLUDED \*  
 SHELF LIFE : ITEMS WITH MORE THAN 1/3 OF LIFESPAN WILL NOT BE ACCEPTED \*  
 CABLE ACCESSORIES TO BE INDIVIDUALLY PACKED IN WOODEN/EQUIV CRATES  
 SUITABLE FOR STORAGE OVER LONG PERIODS \*  
 ESKOM SAP NUMBER TO BE STENCILLED ONTO CRATES TOGETHER WITH CRATE NUMBER \*  
 EACH CRATE TO BE CLEARLY MARKED WITH DURABLE LABEL  
 INDICATING THE CONTENTS OF THE CRATE (PARTS LIST) \*  
 ALL INDIVIDUAL COMPONENTS TO BE MARKED WITH A PART NUMBER AS  
 REFERENCED IN BILL OF MATERIALS (BOM) AND PARTS LIST \*  
 LOOSE COMPONENTS OR COMPONENTS SUBJECT TO DAMAGE FROM EXPOSURE  
 TO DUST OR WATER TO BE PACKED WITHIN HERMETICALLY SEALED PLASTIC BAGS \*  
 DUPLICATE COPY OF INSTALLATION INSTRUCTION AND BOM  
 TO BE INCLUDED WITH DELIVERY NOTE \*  
 ESKOM DRAWING No. D-DT-2871 \*

10	SAP 0637243, 0637244, 0637245, 06372461C 88+132kV 3 PIECE CABLE JOINT KITS ADDED AND 0606818 CORRECTED SAP NUMBER 0675620 ADDED.	P.A.T.	Q.KHUMALO	Q.KHUMALO	28.07.2020	
9	SAP 0606817 CORRECTED FROM AL TO CU	P.A.T.	Q.KHUMALO	Q.KHUMALO	13.04.2017	
8	ADDITIONAL CABLE JOINTS ADDED	P.A.T.	Q.KHUMALO	T. DU PLESSIS	10.11.2015	
REV	REVISION DESCRIPTION	BY	CHKD	AUTH	DATE	REF. DWGS
AUTH:	R. KELLY	DATE:	18.06.2007	 <b>D-DT-2871</b>	SAP No:	
CHKD:	R. KELLY	DATE:	18.06.2007		0193945	
DRAWN:	P.A. VERMAAK	DATE:	23.05.2007		SET	SHEET
					71	41
						REV
						10

Unique Identifier:240-48887441

Revision 1

## SPEC SHEET

SAP MATERIAL No.:	0225372
SHORT DESCRIPTION:	JOINT KIT 1C132kV400CUEPR-1C400 OF D2871

TECH. DESCRIPTION:

TRANSITION STOP JOINT KIT FOR 76/132KV EPR-INSULATED 1 CORE CABLE  
TO OIL-FILLED PAPER-INSULATED 1 CORE CABLE \*

1 CORE EPR CABLE DETAILS: 400mm SQUARE STRANDED COPPER CONDUCTOR \*

EPR INSULATED \* SF6 GAS PRESSURIZED TO 4.5 kPA (ABS) \*

CORRUGATED SEAMLESS ALUMINIUM SHEATH \*

POLYETHYLENE OUTER SHEATH \*

ESKOM CODE : LRA1VCQ \*

SEE DRAWING D-DT-0881 (SHEET 13) \*

1 CORE OIL-FILLED CABLE DETAILS: 400mm SQUARE STRANDED COPPER CONDUCTOR \*

OIL FILLED PAPER INSULATED (PRESSURIZED) \*

CORRUGATED SEAMLESS ALUMINIUM SHEATH \*

PVC OUTER SHEATH WITH GRAPHITE COATING \*

ESKOM CODE : LJA1VCV \*

SEE DRAWING D-DT-0881 (SHEET 6) \*

FIBREGLASS OUTER BOX \*

CONSISTS OF : ALL NON-CONSUMABLE MATERIAL REQUIRED TO COMPLETE JOINT,BILL OF MATERIALS, FULLY DIMENSIONED ASSEMBLY DRAWINGS AND INSTALLATION INSTRUCTION \* BITUMEN COMPOUND TO BE EXCLUDED \*

FERRULES TO BE INCLUDED \*

SHELF LIFE : ITEMS WITH MORE THAN  $\frac{1}{3}$  OF LIFESPAN WILL NOT BE ACCEPTED \*

CABLE ACCESSORIES TO BE INDIVIDUALLY PACKED IN WOODEN/EQUIV CRATES

SUITABLE FOR STORAGE OVER LONG PERIODS \*

ESKOM SAP NUMBER TO BE STENCILLED ONTO CRATES TOGETHER WITH CRATE NUMBER \*

EACH CRATE TO BE CLEARLY MARKED WITH DURABLE LABEL

INDICATING THE CONTENTS OF THE CRATE (PARTS LIST) \*

ALL INDIVIDUAL COMPONENTS TO BE MARKED WITH A PART NUMBER AS

REFERENCED IN BILL OF MATERIALS (BOM) AND PARTS LIST \*


LOOSE COMPONENTS OR COMPONENTS SUBJECT TO DAMAGE FROM EXPOSURE

TO DUST OR WATER TO BE PACKED WITHIN HERMETICALLY SEALED PLASTIC BAGS \*

DUPLICATE COPY OF INSTALLATION INSTRUCTION AND BOM

TO BE INCLUDED WITH DELIVERY NOTE \*


ESKOM DRAWING No. D-DT-2871 \*

10	SAP 0637243, 0637244, 0637245, 06372461C 88+132kV 3 PIECE CABLE JOINT KITS ADDED AND 0606818 CORRECTED SAP NUMBER 0675620 ADDED.			P.A.T.	Q.KHUMALO	Q.KHUMALO	28.07.2020			
9	SAP 0606817 CORRECTED FROM AL TO CU			P.A.T.	Q.KHUMALO	Q.KHUMALO	13.04.2017			
8	ADDITIONAL CABLE JOINTS ADDED			P.A.T.	Q.KHUMALO	T. DU PLESSIS	10.11.2015			
REV	REVISION DESCRIPTION			BY	CHKD	AUTH	DATE	REF. DWGS		
AUTH:	R. KELLY	DATE:	18.06.2007	SCALE NTS			SAP No:			
CHKD:	R. KELLY	DATE:	18.06.2007	CAD REF: SERIES 2000			0225372			
DRAWN:	P.A. VERMAAK	DATE:	23.05.2007	FILE No: 2871	<b>D-DT-2871</b>		SET	SHEET	REV	
							71	42	10	

Unique Identifier:240-48887441

Revision 1

## SPEC SHEET


SAP MATERIAL No.:	0606817							
SHORT DESCRIPTION:	KIT,CABLE JOINT:132KV; 3C; 400; OF							
<p>TECH. DESCRIPTION:</p> <p>KIT, CABLE JOINT: CORE QUANTITY: 3C; VOLTAGE: 132 KV; CABLE SIZE: 400 MM2;          TYPE: TRANSITION STOP; INSULATION MATERIAL: OF;          SPECIFICATION: ESKOM SPEC: D-0881; D-2870; D-8070;          CONDUCTOR: OF: 400 MM2 CU; XLPE: 1000 MM2 AL; POTENTIAL: 132 KV;          TRANSITION STOP JOINT KIT; FOR 76/132KV OIL-FILLED PAPER-INSULATED 3 CORE CABLE          TO XLPE INSULATED 1 CORE CABLE;          3 CORE OIL-FILLED CABLE DETAILS: 400MM SQUARE STRANDED COPPER CONDUCTOR;          OIL FILLED PAPER INSULATED (PRESSURIZED);          CORRUGATED SEAMLESS ALUMINIUM SHEATH;          POLYETHYLENE OUTER SHEATH; SEE DRAWING D-DT-0881 (SHEET 1 OF 38);          BUYERS GUIDE D-DT 2870, SAP NUMBER 0171408;          1 CORE XLPE CABLE DETAILS:1000MM SQUARE STRANDED ALUMINIUM CONDUCTOR;          XLPE INSULATED; CORRUGATED SEAMLESS ALUMINIUM SHEATH;          POLYETHYLENE OUTER SHEATH; BUYERS GUIDE D-DT-8070; SAP NUMBER: 0186931;          COPPER SLEEVE WITH SHEATH INTERRUPTER/INSULATING FLANGE          SUITABLE FOR SPECIALLY BONDED CABLE SHEATHS;          FIBREGLASS OUTER BOX; CONSISTS OF: ALL NON-CONSUMABLE MATERIAL          REQUIRED TO COMPLETE JOINT, BILL OF MATERIALS,          FULLY DIMENSIONED ASSEMBLY DRAWINGS AND INSTALLATION INSTRUCTIONS;          BITUMEN COMPOUND TO BE EXCLUDED; WELDING JIG TO BE INCLUDED;          SHELF LIFE : ITEMS WITH MORE THAN 1/3 OF LIFESPAN WILL NOT BE ACCEPTED;          CABLE ACCESSORIES TO BE INDIVIDUALLY PACKED IN WOODEN/EQUIV CRATES          SUITABLE FOR STORAGE OVER LONG PERIODS;          ESKOM SAP NUMBER TO BE STENCILLED ONTO CRATES TOGETHER WITH CRATE NUMBER;          EACH CRATE TO BE CLEARLY MARKED WITH DURABLE LABEL INDICATING THE          CONTENTS OF THE CRATE (PARTS LIST);          ALL INDIVIDUAL COMPONENTS TO BE MARKED WITH A PART NUMBER AS          REFERENCED IN BILL OF MATERIALS (BOM) AND PARTS LIST;          LOOSE COMPONENTS OR COMPONENTS SUBJECT TO DAMAGE FROM EXPOSURE TO DUST OR          WATER TO BE PACKED WITHIN HERMETICALLY SEALED PLASTIC BAGS;          DUPLICATE COPY OF INSTALLATION INSTRUCTION AND BOM TO BE INCLUDED;          WITH DELIVERY NOTE;          ESKOM DRAWING No. D-DT-2871 *</p>								
10	SAP 0637243, 0637244, 0637245, 06372461C 88+132kV 3 PIECE CABLE JOINT KITS ADDED AND 0606818 CORRECTED SAP NUMBER 0675620 ADDED.		P.A.T.	Q.KHUMALO	Q.KHUMALO	28.07.2020		
9	SAP 0606817 CORRECTED FROM AL TO CU		P.A.T.	Q.KHUMALO	Q.KHUMALO	13.04.2017		
8	ADDITIONAL CABLE JOINTS ADDED		P.A.T.	Q.KHUMALO	T. DU PLESSIS	10.11.2015		
REV	REVISION DESCRIPTION		BY	CHKD	AUTH	DATE		
AUTH:	R. KELLY	DATE:	18.06.2007	 <b>D-DT-2871</b>		SAP No: 0606817		
CHKD:	R. KELLY	DATE:	18.06.2007			SET	SHEET	REV
DRAWN:	P.A. VERMAAK	DATE:	23.05.2007			71	43	10

Unique Identifier:240-48887441

Revision 1



## SPEC SHEET

SAP MATERIAL No.:	0637246							
SHORT DESCRIPTION:	KIT,CABLE JOINT:1C;132 KV;500;3PIECE							
<b>TECH. DESCRIPTION:</b> KIT, CABLE JOINT: CORE QUANTITY: 1C; VOLTAGE: 132 KV; CABLE SIZE: 500 MM2; TYPE: 3PIECE; INSULATION MATERIAL: XLPE; CONDUCTOR: AL; POTENTIAL: 76/132 KV; SHEATH INTERRUPTING XLPE-INSULATED 1 CORE CABLE STRANDED CONDUCTOR; CORRUGATED SEAMLESS ALUMINIUM SHEATH POLYETHYLENE OUTER SHEATH; COPPER SLEEVE WITH SHEATH INTERRUPTING INSULATOR; TORQUE SHEAR MECHANICAL FERRULE; 3 PIECE HAND PUSH ON STRESS CONE ARRANGEMENT; TWO PIECE TOP AND BOTTOM FIBRE GLASS COFFIN OR OUTER BOX; CONSISTS OF: ALL NON-CONSUMABLE MATERIAL REQUIRED TO COMPLETE JOINT, BILL OF MATERIALS, FULLY DIMENSIONED ASSEMBLY DRAWINGS AND INSTRUCTION SHEET; ESKOM DRAWING No. D-DT-2871 *								
10	SAP 0637243, 0637244, 0637245, 06372461C 88+132kV 3 PIECE CABLE JOINT KITS ADDED AND 0606818 CORRECTED SAP NUMBER 0675620 ADDED.			P.A.T.	Q.KHUMALO	Q.KHUMALO	28.07.2020	
9	SAP 0606817 CORRECTED FROM AL TO CU			P.A.T.	Q.KHUMALO	Q.KHUMALO	13.04.2017	
8	ADDITIONAL CABLE JOINTS ADDED			P.A.T.	Q.KHUMALO	T. DU PLESSIS	10.11.2015	
REV	REVISION DESCRIPTION			BY	CHKD	AUTH	DATE	REF. DWGS
AUTH:	R. KELLY	DATE:	18.06.2007	 <b>D-DT-2871</b>		SAP No:		
CHKD:	R. KELLY	DATE:	18.06.2007			0637246		
DRAWN:	P.A. VERMAAK	DATE:	23.05.2007			SET	SHEET	REV
				SCALE				
				NTS				
				CAD REF:				
				SERIES 2000				
				FILE No:				
				2871				

Unique Identifier:240-48887441

Revision 1

## SPEC SHEET

SAP MATERIAL No.:	0227505
SHORT DESCRIPTION:	JOINT KIT 1C 132kV 630SQ CU OF D2871

### TECH. DESCRIPTION:

STRAIGHT THROUGH JOINT KIT FOR 76/132kV OIL-FILLED PAPER-INSULATED 1 CORE CABLE \*  
SUITABLE FOR :

630mm TO 630mm (SEE D-DT-0881 SHEET 19) SQUARE STRANDED COPPER CONDUCTOR \*

630mm SQUARE STRANDED COPPER CONDUCTOR (SEE D-DT-0881 SHEET 19) TO

800mm SQUARE STRANDED ALUMINIUM CONDUCTOR (SEE D-DT-0881 SHEET 30) \*

OIL FILLED PAPER INSULATED (PRESSURIZED) \*

WITH OIL DUCT IN CENTRE OF CONDUCTOR \*

CORRUGATED SEAMLESS ALUMINIUM SHEATH \*

POLYETHYLENE OUTER SHEATH \*

COPPER SLEEVE WITH SHEATH INTERRUPTER/INSULATING FLANGE \*

SUITABLE FOR SPECIALLY BONDED CABLE SHEATHS \*

FIBREGLOSS OUTER BOX \*

CONSISTS OF :

ALL NON-CONSUMABLE MATERIAL REQUIRED TO COMPLETE JOINT,

BILL OF MATERIALS, FULLY DIMENSIONED ASSEMBLY DRAWINGS

AND INSTALLATION INSTRUCTION \*

BITUMEN COMPOUND TO BE EXCLUDED \*

CRIMPING FERRULE AND DIE (630mm SQ CU CONDUCTOR) TO BE INCLUDED \*

BI-METALLIC FERRULE WITH CRIMPING DIE (630mm SQ CU CONDUCTOR) AND

WELDING JIG (800mm SQ AL CONDUCTOR) TO BE INCLUDED \*

SHELF LIFE : ITEMS WITH MORE THAN 1/3 OF LIFESPAN WILL NOT BE ACCEPTED \*

CABLE ACCESSORIES TO BE INDIVIDUALLY PACKED IN WOODEN/EQUIV CRATES

SUITABLE FOR STORAGE OVER LONG PERIODS \*

ESKOM SAP NUMBER TO BE STENCILLED ONTO CRATES TOGETHER WITH CRATE NUMBER \*

EACH CRATE TO BE CLEARLY MARKED WITH DURABLE LABEL

INDICATING THE CONTENTS OF THE CRATE (PARTS LIST) \*

ALL INDIVIDUAL COMPONENTS TO BE MARKED WITH A PART NUMBER AS

REFERENCED IN BILL OF MATERIALS (BOM) AND PARTS LIST \*


LOOSE COMPONENTS OR COMPONENTS SUBJECT TO DAMAGE FROM EXPOSURE

TO DUST OR WATER TO BE PACKED WITHIN HERMETICALLY SEALED PLASTIC BAGS \*

DUPLICATE COPY OF INSTALLATION INSTRUCTION AND BOM

TO BE INCLUDED WITH DELIVERY NOTE \*


ESKOM DRAWING No. D-DT-2871 \*

10	SAP 0637243, 0637244, 0637245, 06372461C 88+132kV 3 PIECE CABLE JOINT KITS ADDED AND 0606818 CORRECTED SAP NUMBER 0675620 ADDED.	P.A.T.	Q.KHUMALO	Q.KHUMALO	28.07.2020	
9	SAP 0606817 CORRECTED FROM AL TO CU	P.A.T.	Q.KHUMALO	Q.KHUMALO	13.04.2017	
8	ADDITIONAL CABLE JOINTS ADDED	P.A.T.	Q.KHUMALO	T. DU PLESSIS	10.11.2015	
REV	REVISION DESCRIPTION	BY	CHKD	AUTH	DATE	REF. DWGS
AUTH:	R. KELLY	DATE:	18.06.2007	 <b>D-DT-2871</b>	SAP No:	
CHKD:	R. KELLY	DATE:	18.06.2007		0227505	
DRAWN:	P.A. VERMAAK	DATE:	23.05.2007		SET	SHEET
					71	45
						REV
						10

Unique Identifier:240-48887441

Revision 1

## SPEC SHEET


SAP MATERIAL No.:	0227506							
SHORT DESCRIPTION:	JOINT KIT 1C 132kV 630SQCU OF STOP D2871							
<p>TECH. DESCRIPTION:</p> <p>STOP JOINT KIT FOR 76/132kV OIL-FILLED PAPER-INSULATED 1 CORE CABLE *</p> <p>SUITABLE FOR :</p> <p>630mm TO 630mm (SEE D-DT-0881 SHEET 19) SQUARE STRANDED COPPER CONDUCTOR *</p> <p>630mm SQUARE STRANDED COPPER CONDUCTOR (SEE D-DT-0881 SHEET 19) TO</p> <p>800mm SQUARE STRANDED ALUMINIUM CONDUCTOR (SEE D-DT-0881 SHEET 30) *</p> <p>OIL FILLED PAPER INSULATED (PRESSURIZED) *</p> <p>WITH OIL DUCT IN CENTRE OF CONDUCTOR *</p> <p>CORRUGATED SEAMLESS ALUMINIUM SHEATH *</p> <p>POLYETHYLENE OUTER SHEATH *</p> <p>COPPER SLEEVE WITH SHEATH INTERRUPTER/INSULATING FLANGE *</p> <p>SUITABLE FOR SPECIALLY BONDED CABLE SHEATHS *</p> <p>FIBREGLOSS OUTER BOX *</p> <p>CONSISTS OF :</p> <p>ALL NON-CONSUMABLE MATERIAL REQUIRED TO COMPLETE JOINT,</p> <p>BILL OF MATERIALS, FULLY DIMENSIONED ASSEMBLY DRAWINGS</p> <p>AND INSTALLATION INSTRUCTION * BITUMEN COMPOUND TO BE EXCLUDED *</p> <p>CRIMPING FERRULES AND DIE (630mm SQ CU CONDUCTOR) TO BE INCLUDED *</p> <p>BI-METALLIC FERRULE WITH CRIMPING DIE (630mm SQ CU CONDUCTOR) AND</p> <p>WELDING JIG (800mm SQ AL CONDUCTOR) TO BE INCLUDED *</p> <p>SHELF LIFE : ITEMS WITH MORE THAN 1/3 OF LIFESPAN WILL NOT BE ACCEPTED *</p> <p>CABLE ACCESSORIES TO BE INDIVIDUALLY PACKED IN WOODEN/EQUIV CRATES</p> <p>SUITABLE FOR STORAGE OVER LONG PERIODS *</p> <p>ESKOM SAP NUMBER TO BE STENCILLED ONTO CRATES TOGETHER WITH CRATE NUMBER *</p> <p>EACH CRATE TO BE CLEARLY MARKED WITH DURABLE LABEL</p> <p>INDICATING THE CONTENTS OF THE CRATE (PARTS LIST) *</p> <p>ALL INDIVIDUAL COMPONENTS TO BE MARKED WITH A PART NUMBER AS</p> <p>REFERENCED IN BILL OF MATERIALS (BOM) AND PARTS LIST *</p> <p>LOOSE COMPONENTS OR COMPONENTS SUBJECT TO DAMAGE FROM EXPOSURE</p> <p>TO DUST OR WATER TO BE PACKED WITHIN HERMETICALLY SEALED PLASTIC BAGS *</p> <p>DUPLICATE COPY OF INSTALLATION INSTRUCTION AND BOM</p> <p>TO BE INCLUDED WITH DELIVERY NOTE *</p> <p>ESKOM DRAWING No. D-DT-2871 *</p>								
10	SAP 0637243, 0637244, 0637245, 06372461C 88+132kV 3 PIECE CABLE JOINT KITS ADDED AND 0606818 CORRECTED SAP NUMBER 0675620 ADDED.		P.A.T.	Q.KHUMALO	Q.KHUMALO	28.07.2020		
9	SAP 0606817 CORRECTED FROM AL TO CU		P.A.T.	Q.KHUMALO	Q.KHUMALO	13.04.2017		
8	ADDITIONAL CABLE JOINTS ADDED		P.A.T.	Q.KHUMALO	T. DU PLESSIS	10.11.2015		
REV	REVISION DESCRIPTION		BY	CHKD	AUTH	DATE		
AUTH:	R. KELLY	DATE:	18.06.2007	 <b>D-DT-2871</b>		SAP No:		
CHKD:	R. KELLY	DATE:	18.06.2007			0227506		
DRAWN:	P.A. VERMAAK	DATE:	23.05.2007			SET	SHEET	REV
						71	46	10

## SPEC SHEET

SAP MATERIAL No.:	0606820
SHORT DESCRIPTION:	KIT,CABLE JOINT:132KV; 1C; 630; OF

### TECH. DESCRIPTION:

KIT, CABLE JOINT: POTENTIAL: 132KV; 1C; 630; OF;  
 CONDUCTOR: 630 MM2; CABLE SIZE: 630 MM2;  
 SPECIFICATION: SPEC: D-0881; D-2870; D-8070;  
 TYPE: TRANSITION STOP;  
 FOR 76/132KV OIL-FILLED PAPER-INSULATED 1 CORE CABLE TO XLPE INSULATED 1 CORE CABLE;  
 1 CORE OIL-FILLED CABLE DETAILS : 630MM2 STRANDED COPPER CONDUCTOR;  
 OIL FILLED PAPER INSULATED (PRESSURIZED);  
 CORRUGATED SEAMLESS ALUMINIUM SHEATH;  
 PE OUTER SHEATH; SEE DRAWING D-DT-0881 (SHEET 19 OF 38), BUYERS GUIDE D-DT 2870,  
 SAP NUMBER 0227502;  
 1 CORE XLPE CABLE DETAILS : 1000MM2 STRANDED ALUMINIUM CONDUCTOR;  
 XLPE INSULATED; CORRUGATED SEAMLESS ALUMINIUM SHEATH;  
 POLYETHYLENE OUTER SHEATH; BUYERS GUIDE D-DT-8070, SAP NUMBER 0186931;  
 COPPER SLEEVE WITH SHEATH INTERRUPTER/INSULATING FLANGE;  
 SUITABLE FOR SPECIALLY BONDED CABLE SHEATHS;  
 FIBREGLOSS OUTER BOX ; CONSISTS OF : ALL NON-CONSUMABLE MATERIAL REQUIRED TO  
 COMPLETE JOINT, BILL OF MATERIALS, FULLY DIMENSIONED ASSEMBLY DRAWINGS AND  
 INSTALLATION INSTRUCTIONS;  
 BITUMEN COMPOUND TO BE EXCLUDED; WELDING JIG TO BE INCLUDED;  
 SHELF LIFE : ITEMS WITH MORE THAN 1/3 OF LIFESPAN WILL NOT BE ACCEPTED;  
 CABLE ACCESSORIES TO BE INDIVIDUALLY PACKED IN WOODEN/EQUIV CRATES SUITABLE  
 FOR STORAGE OVER LONG PERIODS;  
 ESKOM SAP NUMBER TO BE STENCILLED ONTO CRATES TOGETHER WITH CRATE NUMBER;  
 EACH CRATE TO BE CLEARLY MARKED WITH DURABLE LABEL INDICATING THE  
 CONTENTS OF THE CRATE (PARTS LIST);  
 ALL INDIVIDUAL COMPONENTS TO BE MARKED WITH A PART NUMBER AS REFERENCED  
 IN BILL OF MATERIALS (BOM) AND PARTS LIST;  
 LOOSE COMPONENTS OR COMPONENTS SUBJECT TO DAMAGE FROM EXPOSURE TO  
 DUST OR WATER TO BE PACKED WITHIN HERMETICALLY SEALED PLASTIC BAGS;  
 DUPLICATE COPY OF INSTALLATION INSTRUCTION AND BOM TO BE INCLUDED  
 WITH DELIVERY NOTE;  
 ESKOM DRAWING No. D-DT-2871 \*

10	SAP 0637243, 0637244, 0637245, 06372461C 88+132kV 3 PIECE CABLE JOINT KITS ADDED AND 0606818 CORRECTED SAP NUMBER 0675620 ADDED.	P.A.T.	Q.KHUMALO	Q.KHUMALO	28.07.2020	
9	SAP 0606817 CORRECTED FROM AL TO CU	P.A.T.	Q.KHUMALO	Q.KHUMALO	13.04.2017	
8	ADDITIONAL CABLE JOINTS ADDED	P.A.T.	Q.KHUMALO	T. DU PLESSIS	10.11.2015	
REV	REVISION DESCRIPTION	BY	CHKD	AUTH	DATE	REF. DWGS
AUTH:	R. KELLY	DATE:	18.06.2007	 <b>D-DT-2871</b>	SAP No: 0606820	
CHKD:	R. KELLY	DATE:	18.06.2007		SET	SHEET
DRAWN:	P.A. VERMAAK	DATE:	23.05.2007		71	47
						10

Unique Identifier:240-48887441


Revision 1

## SPEC SHEET

SAP MATERIAL No.:	0234600
SHORT DESCRIPTION:	JOINT KIT 1C 132kV 800SQ AL OF D2871

### TECH. DESCRIPTION:

STRAIGHT THROUGH JOINT KIT FOR 76/132kV OIL-FILLED PAPER-INSULATED 1 CORE CABLE \*  
800mm SQUARE STRANDED ALUMINIUM CONDUCTOR \*  
OIL FILLED PAPER INSULATED (PRESSURIZED) \*  
WITH OIL DUCT IN CENTRE OF CONDUCTOR \*  
CORRUGATED SEAMLESS ALUMINIUM SHEATH \*  
POLYETHYLENE OUTER SHEATH \*  
SEE DRAWING D-DT-0881 (SHEET 30) \*  
COPPER SLEEVE WITH SHEATH INTERRUPTER/INSULATING FLANGE \*  
SUITABLE FOR SPECIALLY BONDED CABLE SHEATHS \*  
FIBREGLASS OUTER BOX \*  
CONSISTS OF :  
ALL NON-CONSUMABLE MATERIAL REQUIRED TO COMPLETE JOINT,  
BILL OF MATERIALS, FULLY DIMENSIONED ASSEMBLY DRAWINGS  
AND INSTALLATION INSTRUCTION \*  
BITUMEN COMPOUND TO BE EXCLUDED \*  
WELDING JIG TO BE INCLUDED \*  
SHELF LIFE : ITEMS WITH MORE THAN 1/3 OF LIFESPAN WILL NOT BE ACCEPTED \*  
CABLE ACCESSORIES TO BE INDIVIDUALLY PACKED IN WOODEN/EQUIV CRATES  
SUITABLE FOR STORAGE OVER LONG PERIODS \*  
ESKOM SAP NUMBER TO BE STENCILLED ONTO CRATES TOGETHER WITH CRATE NUMBER \*  
EACH CRATE TO BE CLEARLY MARKED WITH DURABLE LABEL  
INDICATING THE CONTENTS OF THE CRATE (PARTS LIST) \*  
ALL INDIVIDUAL COMPONENTS TO BE MARKED WITH A PART NUMBER AS  
REFERENCED IN BILL OF MATERIALS (BOM) AND PARTS LIST \*  
LOOSE COMPONENTS OR COMPONENTS SUBJECT TO DAMAGE FROM EXPOSURE  
TO DUST OR WATER TO BE PACKED WITHIN HERMETICALLY SEALED PLASTIC BAGS \*  
DUPLICATE COPY OF INSTALLATION INSTRUCTION AND BOM  
TO BE INCLUDED WITH DELIVERY NOTE \*  
ESKOM DRAWING No. D-DT-2871 \*

10	SAP 0637243, 0637244, 0637245, 06372461C 88+132kV 3 PIECE CABLE JOINT KITS ADDED AND 0606818 CORRECTED SAP NUMBER 0675620 ADDED.	P.A.T.	Q.KHUMALO	Q.KHUMALO	28.07.2020	
9	SAP 0606817 CORRECTED FROM AL TO CU	P.A.T.	Q.KHUMALO	Q.KHUMALO	13.04.2017	
8	ADDITIONAL CABLE JOINTS ADDED	P.A.T.	Q.KHUMALO	T. DU PLESSIS	10.11.2015	
REV	REVISION DESCRIPTION	BY	CHKD	AUTH	DATE	REF. DWGS
AUTH:	R. KELLY	DATE:	18.06.2007	 <b>D-DT-2871</b>	SAP No:	
CHKD:	R. KELLY	DATE:	18.06.2007		0234600	
DRAWN:	P.A. VERMAAK	DATE:	23.05.2007		SET	SHEET
					71	48
						REV
						10


Unique Identifier:240-48887441

Revision 1

## SPEC SHEET

SAP MATERIAL No.:	0234601
SHORT DESCRIPTION:	JOINT KIT 1C 132kV 800SQAL OF STOP D2871

TECH. DESCRIPTION:  
 STOP JOINT KIT FOR 76/132kV OIL-FILLED PAPER-INSULATED 1 CORE CABLE \*  
 800mm SQUARE STRANDED ALUMINIUM CONDUCTOR \*  
 OIL FILLED PAPER INSULATED (PRESSURIZED) \*  
 WITH OIL DUCT IN CENTRE OF CONDUCTOR \*  
 CORRUGATED SEAMLESS ALUMINIUM SHEATH \*  
 POLYETHYLENE OUTER SHEATH \*  
 SEE DRAWING D-DT-0881 (SHEET 30) \*  
 COPPER SLEEVE WITH SHEATH INTERRUPTER/INSULATING FLANGE \*  
 SUITABLE FOR SPECIALLY BONDED CABLE SHEATHS \*  
 FIBREGLASS OUTER BOX \*  
 CONSISTS OF :  
 ALL NON-CONSUMABLE MATERIAL REQUIRED TO COMPLETE JOINT,  
 BILL OF MATERIALS, FULLY DIMENSIONED ASSEMBLY DRAWINGS  
 AND INSTALLATION INSTRUCTION \* BITUMEN COMPOUND TO BE EXCLUDED \*  
 WELDING JIG TO BE INCLUDED \*  
 SHELF LIFE : ITEMS WITH MORE THAN 1/3 OF LIFESPAN WILL NOT BE ACCEPTED \*  
 CABLE ACCESSORIES TO BE INDIVIDUALLY PACKED IN WOODEN/EQUIV CRATES  
 SUITABLE FOR STORAGE OVER LONG PERIODS \*  
 ESKOM SAP NUMBER TO BE STENCILLED ONTO CRATES TOGETHER WITH CRATE NUMBER \*  
 EACH CRATE TO BE CLEARLY MARKED WITH DURABLE LABEL  
 INDICATING THE CONTENTS OF THE CRATE (PARTS LIST) \*  
 ALL INDIVIDUAL COMPONENTS TO BE MARKED WITH A PART NUMBER AS  
 REFERENCED IN BILL OF MATERIALS (BOM) AND PARTS LIST \*  
 LOOSE COMPONENTS OR COMPONENTS SUBJECT TO DAMAGE FROM EXPOSURE  
 TO DUST OR WATER TO BE PACKED WITHIN HERMETICALLY SEALED PLASTIC BAGS \*  
 DUPLICATE COPY OF INSTALLATION INSTRUCTION AND BOM  
 TO BE INCLUDED WITH DELIVERY NOTE \*  
 ESKOM DRAWING No. D-DT-2871 \*

10	SAP 0637243, 0637244, 0637245, 06372461C 88+132kV 3 PIECE CABLE JOINT KITS ADDED AND 0606818 CORRECTED SAP NUMBER 0675620 ADDED.	P.A.T.	Q.KHUMALO	Q.KHUMALO	28.07.2020	
9	SAP 0606817 CORRECTED FROM AL TO CU	P.A.T.	Q.KHUMALO	Q.KHUMALO	13.04.2017	
8	ADDITIONAL CABLE JOINTS ADDED	P.A.T.	Q.KHUMALO	T. DU PLESSIS	10.11.2015	
REV	REVISION DESCRIPTION	BY	CHKD	AUTH	DATE	REF. DWGS
AUTH:	R. KELLY	DATE:	18.06.2007	 <b>D-DT-2871</b>	SAP No:	
CHKD:	R. KELLY	DATE:	18.06.2007		0234601	
DRAWN:	P.A. VERMAAK	DATE:	23.05.2007		SET	SHEET
					71	49
						REV
						10

Unique Identifier:240-48887441


Revision 1

## SPEC SHEET


SAP MATERIAL No.:		0606815							
SHORT DESCRIPTION:		KIT,CABLE JOINT:132KV; 1C; 800; OF							
TECH. DESCRIPTION: KIT, CABLE JOINT: POTENTIAL: 132KV; 1C; 800; OF; CONDUCTOR: 800 MM2; CABLE SIZE: 800 MM2; SPECIFICATION: ESKOM SPEC: D-0881; D-2870; D-8070; TYPE: TRANSITION STOP; TRANSITION STOP JOINT KIT; FOR 76/132KV OIL-FILLED PAPER-INSULATED 1 CORE CABLE TO XLPE INSULATED 1 CORE CABLE; 1 CORE OIL-FILLED CABLE DETAILS: 800MM SQUARE STRANDED ALUMINIUM CONDUCTOR; OIL FILLED PAPER INSULATED (PRESSURIZED); CORRUGATED SEAMLESS ALUMINIUM SHEATH; POLYETHYLENE OUTER SHEATH; SEE DRAWING D-DT-0881 (SHEET 30 OF 38); BUYERS GUIDE D-DT 2870, SAP NUMBER 0236345; 1 CORE XLPE CABLE DETAILS: 1000MM SQUARE STRANDED ALUMINIUM CONDUCTOR; XLPE INSULATED; CORRUGATED SEAMLESS ALUMINIUM SHEATH; POLYETHYLENE OUTER SHEATH; BUYERS GUIDE D-DT-8070; SAP NUMBER: 0186931; COPPER SLEEVE WITH SHEATH INTERRUPTER/INSULATING FLANGE SUITABLE FOR SPECIALLY BONDED CABLE SHEATHS; FIBREGLASS OUTER BOX; CONSISTS OF: ALL NON-CONSUMABLE MATERIAL REQUIRED TO COMPLETE JOINT, BILL OF MATERIALS, FULLY DIMENSIONED ASSEMBLY DRAWINGS AND INSTALLATION INSTRUCTIONS; BITUMEN COMPOUND TO BE EXCLUDED; WELDING JIG TO BE INCLUDED; SHELF LIFE : ITEMS WITH MORE THAN 1/3 OF LIFESPAN WILL NOT BE ACCEPTED; CABLE ACCESSORIES TO BE INDIVIDUALLY PACKED IN WOODEN/EQUIV CRATES SUITABLE FOR STORAGE OVER LONG PERIODS; ESKOM SAP NUMBER TO BE STENCILLED ONTO CRATES TOGETHER WITH CRATE NUMBER; EACH CRATE TO BE CLEARLY MARKED WITH DURABLE LABEL INDICATING THE CONTENTS OF THE CRATE (PARTS LIST); ALL INDIVIDUAL COMPONENTS TO BE MARKED WITH A PART NUMBER AS REFERENCED IN BILL OF MATERIALS (BOM) AND PARTS LIST; LOOSE COMPONETS OR COMPONENTS SUBJECT TO DAMAGE FROM EXPOSURE TO DUST OR WATER TO BE PACKED WITHIN HERMETICALLY SEALED PLASTIC BAGS; DUPLICATE COPY OF INSTALLATION INSTRUCTION AND BOM TO BE INCLUDED; WITH DELIVERY NOTE; ESKOM DRAWING No. D-DT-2871 *									
10	SAP 0637243, 0637244, 0637245, 06372461C 88+132kV 3 PIECE CABLE JOINT KITS ADDED AND 0606818 CORRECTED SAP NUMBER 0675620 ADDED.		P.A.T.	Q.KHUMALO	Q.KHUMALO	28.07.2020			
9	SAP 0606817 CORRECTED FROM AL TO CU		P.A.T.	Q.KHUMALO	Q.KHUMALO	13.04.2017			
8	ADDITIONAL CABLE JOINTS ADDED		P.A.T.	Q.KHUMALO	T. DU PLESSIS	10.11.2015			
REV	REVISION DESCRIPTION			BY	CHKD	AUTH	DATE	REF. DWGS	
AUTH:	R. KELLY	DATE:	18.06.2007	SCALE NTS		SAP No: 0606815			
CHKD:	R. KELLY	DATE:	18.06.2007	CAD REF: SERIES 2000		SET		SHEET	REV
DRAWN:	P.A. VERMAAK	DATE:	23.05.2007	FILE No: 2871		71		50	10
				Eskom					
				D-DT-2871					



## SPEC SHEET

SAP MATERIAL No.:	0637244									
SHORT DESCRIPTION:	KIT,CABLE JOINT:1C;132 KV;1000;3PIECE									
<p>TECH. DESCRIPTION:</p> <p>KIT, CABLE JOINT: CORE QUANTITY: 1C; VOLTAGE: 132 KV; CABLE SIZE: 1000 MM2;</p> <p>TYPE: 3PIECE; INSULATION MATERIAL: XLPE;</p> <p>CONDUCTOR: AL; POTENTIAL: 76/132 KV;</p> <p>SHEATH INTERRUPTING XLPE-INSULATED 1 CORE CABLE STRANDED CONDUCTOR;</p> <p>CORRUGATED SEAMLESS ALUMINIUM SHEATH POLYETHYLENE OUTER SHEATH;</p> <p>COPPER SLEEVE WITH SHEATH INTERRUPTING INSULATOR;</p> <p>TORQUE SHEAR MECHANICAL FERRULE;</p> <p>3 PIECE HAND PUSH ON STESS CONE ARRANGEMENT;</p> <p>TWO PIECE TOP AND BOTTOM FIBRE GLASS COFFIN OR OUTER BOX;</p> <p>CONSISTS OF: ALL NON-CONSUMABLE MATERIAL REQUIRED TO COMPLETE JOINT,</p> <p>BILL OF MATERIALS, FULLY DIMENSIONED ASSEMBLY DRAWINGS AND INSTRUCTION SHEET;</p> <p>ESKOM DRAWING No. D-DT-2871 *</p>										
10	SAP 0637243, 0637244, 0637245, 06372461C 88+132kV 3 PIECE CABLE JOINT KITS ADDED AND 0606818 CORRECTED SAP NUMBER 0675620 ADDED.			P.A.T.	Q.KHUMALO	Q.KHUMALO	28.07.2020			
9	SAP 0606817 CORRECTED FROM AL TO CU			P.A.T.	Q.KHUMALO	Q.KHUMALO	13.04.2017			
8	ADDITIONAL CABLE JOINTS ADDED			P.A.T.	Q.KHUMALO	T. DU PLESSIS	10.11.2015			
REV	REVISION DESCRIPTION			BY	CHKD	AUTH	DATE	REF. DWGS		
AUTH:	R. KELLY	DATE:	18.06.2007	SCALE NTS		  <b>D-DT-2871</b>		SAP No: <b>0637244</b>		
CHKD:	R. KELLY	DATE:	18.06.2007	CAD REF: SERIES 2000				SET	SHEET	REV
DRAWN:	P.A. VERMAAK	DATE:	23.05.2007	FILE No: 2871				<b>71</b>	<b>51</b>	<b>10</b>


## SPEC SHEET

SAP MATERIAL No.:	0190225							
SHORT DESCRIPTION:	JOINT KIT 1C 44kV 400SQCUXLPE STR D2871							
TECH. DESCRIPTION:								
<p>STRAIGHT JOINT KIT FOR 25/44kV XLPE-INSULATED 1 CORE CABLE *</p> <p>400mm SQUARE STRANDED COPPER CONDUCTOR *</p> <p>CORRUGATED SEAMLESS ALUMINIUM SHEATH *</p> <p>POLYETHYLENE OUTER SHEATH *</p> <p>SEE D-DT-0881 (SHEET 9) *</p> <p>COPPER SLEEVE * FIBREGLASS OUTER BOX *</p> <p>CONSISTS OF :</p> <p>ALL NON-CONSUMABLE MATERIAL REQUIRED TO COMPLETE JOINT,</p> <p>BILL OF MATERIALS, FULLY DIMENSIONED ASSEMBLY DRAWINGS</p> <p>AND INSTALLATION INSTRUCTION *</p> <p>BITUMEN COMPOUND TO BE EXCLUDED *</p> <p>TORQUE SHEAR FERRULE TO BE INCLUDED *</p> <p>SHELF LIFE : ITEMS WITH MORE THAN 1/3 OF LIFESPAN WILL NOT BE ACCEPTED *</p> <p>CABLE ACCESSORIES TO BE INDIVIDUALLY PACKED IN WOODEN/EQUIV CRATES</p> <p>SUITABLE FOR STORAGE OVER LONG PERIODS *</p> <p>ESKOM SAP NUMBER TO BE STENCILLED ONTO CRATES TOGETHER WITH CRATE NUMBER *</p> <p>EACH CRATE TO BE CLEARLY MARKED WITH DURABLE LABEL</p> <p>INDICATING THE CONTENTS OF THE CRATE (PARTS LIST) *</p> <p>ALL INDIVIDUAL COMPONENTS TO BE MARKED WITH A PART NUMBER AS</p> <p>REFERENCED IN BILL OF MATERIALS (BOM) AND PARTS LIST *</p> <p>LOOSE COMPONENTS OR COMPONENTS SUBJECT TO DAMAGE FROM EXPOSURE</p> <p>TO DUST OR WATER TO BE PACKED WITHIN HERMETICALLY SEALED PLASTIC BAGS *</p> <p>DUPLICATE COPY OF INSTALLATION INSTRUCTION AND BOM</p> <p>TO BE INCLUDED WITH DELIVERY NOTE *</p> <p>ESKOM DRAWING No. D-DT-2871 *</p>								
ITEM :- JOINT KIT HV 1 CORE XLPE								
MATERIAL SPECIFICATION :-								
CORROSION SPECIFICATION :-								
STANDARD SPECIFICATION :-								
ESKOM SPECIFICATION :- 34-1625								
TEST & CERTIFICATION REQUIREMENTS :- SANS 60840								
INSPECTION		Yes	No	ESKOM RELEASE NOTE		Yes	No	
IDENTIFICATION:- INDELIBLE MANUFACTURES TRADEMARK & PART No. ON ALL ITEMS								
10	SAP 0637243, 0637244, 0637245, 06372461C 88+132kV 3 PIECE CABLE JOINT KITS ADDED AND 0606818 CORRECTED SAP NUMBER 0675620 ADDED.			P.A.T.	Q.KHUMALO	Q.KHUMALO	28.07.2020	
9	SAP 0606817 CORRECTED FROM AL TO CU			P.A.T.	Q.KHUMALO	Q.KHUMALO	13.04.2017	
8	ADDITIONAL CABLE JOINTS ADDED			P.A.T.	Q.KHUMALO	T. DU PLESSIS	10.11.2015	
REV	REVISION DESCRIPTION			BY	CHKD	AUTH	DATE	
AUTH:	R. KELLY	DATE:	18.06.2007	 <b>D-DT-2871</b>		SAP No:		
CHKD:	R. KELLY	DATE:	18.06.2007			0190225		
DRAWN:	P.A. VERMAAK	DATE:	23.05.2007			SET	SHEET	REV
						71	52	10

## SPEC SHEET

SAP MATERIAL No.:	0190226
SHORT DESCRIPTION:	JOINT KIT 1C 44kV 400SQCUXLPE S/INTD2871

TECH. DESCRIPTION:  
 SHEATH INTERRUPTING JOINT KIT FOR 25/44kV XLPE-INSULATED 1 CORE CABLE \*  
 400mm SQUARE STRANDED COPPER CONDUCTOR \*  
 CORRUGATED SEAMLESS ALUMINIUM SHEATH \*  
 POLYETHYLENE OUTER SHEATH \*  
 SEE D-DT-0881 (SHEET 9) \*  
 COPPER SLEEVE WITH SHEATH INTERRUPTING INSULATOR \*  
 FIBREGLASS OUTER BOX \*  
 CONSISTS OF :  
 ALL NON-CONSUMABLE MATERIAL REQUIRED TO COMPLETE JOINT,  
 BILL OF MATERIALS, FULLY DIMENSIONED ASSEMBLY DRAWINGS  
 AND INSTALLATION INSTRUCTION \*  
 BITUMEN COMPOUND TO BE EXCLUDED \*  
 TORQUE SHEAR FERRULE TO BE INCLUDED \*  
 SHELF LIFE : ITEMS WITH MORE THAN 1/3 OF LIFESPAN WILL NOT BE ACCEPTED \*  
 CABLE ACCESSORIES TO BE INDIVIDUALLY PACKED IN WOODEN/EQUIV CRATES  
 SUITABLE FOR STORAGE OVER LONG PERIODS \*  
 ESKOM SAP NUMBER TO BE STENCILLED ONTO CRATES TOGETHER WITH CRATE NUMBER \*  
 EACH CRATE TO BE CLEARLY MARKED WITH DURABLE LABEL  
 INDICATING THE CONTENTS OF THE CRATE (PARTS LIST) \*  
 ALL INDIVIDUAL COMPONENTS TO BE MARKED WITH A PART NUMBER AS  
 REFERENCED IN BILL OF MATERIALS (BOM) AND PARTS LIST \*  
 LOOSE COMPONENTS OR COMPONENTS SUBJECT TO DAMAGE FROM EXPOSURE  
 TO DUST OR WATER TO BE PACKED WITHIN HERMETICALLY SEALED PLASTIC BAGS \*  
 DUPLICATE COPY OF INSTALLATION INSTRUCTION AND BOM  
 TO BE INCLUDED WITH DELIVERY NOTE \*  
 ESKOM DRAWING No. D-DT-2871 \*

10	SAP 0637243, 0637244, 0637245, 06372461C 88+132kV 3 PIECE CABLE JOINT KITS ADDED AND 0606818 CORRECTED SAP NUMBER 0675620 ADDED.	P.A.T.	Q.KHUMALO	Q.KHUMALO	28.07.2020	
9	SAP 0606817 CORRECTED FROM AL TO CU	P.A.T.	Q.KHUMALO	Q.KHUMALO	13.04.2017	
8	ADDITIONAL CABLE JOINTS ADDED	P.A.T.	Q.KHUMALO	T. DU PLESSIS	10.11.2015	
REV	REVISION DESCRIPTION	BY	CHKD	AUTH	DATE	REF. DWGS
AUTH:	R. KELLY	DATE:	18.06.2007	 <b>D-DT-2871</b>	SAP No:	
CHKD:	R. KELLY	DATE:	18.06.2007		0190226	
DRAWN:	P.A. VERMAAK	DATE:	23.05.2007		SET	SHEET
					71	53
						10

Unique Identifier:240-48887441


Revision 1

## SPEC SHEET

SAP MATERIAL No.:	0169163
SHORT DESCRIPTION:	JOINT KIT 1C 44kV1000SQCUXLPE STR D2871

### TECH. DESCRIPTION:

STRAIGHT JOINT KIT FOR 25/44kV XLPE-INSULATED 1 CORE CABLE \*  
 1000mm SQUARE STRANDED COPPER CONDUCTOR \*  
 CORRUGATED SEAMLESS ALUMINIUM SHEATH \*  
 POLYETHYLENE OUTER SHEATH \*  
 SEE D-DT-0881 (SHEET 10) \*  
 COPPER SLEEVE \*  
 FIBREGLASS OUTER BOX \*  
 CONSISTS OF :  
 ALL NON-CONSUMABLE MATERIAL REQUIRED TO COMPLETE JOINT,  
 BILL OF MATERIALS, FULLY DIMENSIONED ASSEMBLY DRAWINGS  
 AND INSTALLATION INSTRUCTION \*  
 BITUMEN COMPOUND TO BE EXCLUDED \*  
 TORQUE SHEAR FERRULE TO BE INCLUDED \*  
 SHELF LIFE : ITEMS WITH MORE THAN 1/3 OF LIFESPAN WILL NOT BE ACCEPTED \*  
 CABLE ACCESSORIES TO BE INDIVIDUALLY PACKED IN WOODEN/EQUIV CRATES  
 SUITABLE FOR STORAGE OVER LONG PERIODS \*  
 ESKOM SAP NUMBER TO BE STENCILLED ONTO CRATES TOGETHER WITH CRATE NUMBER \*  
 EACH CRATE TO BE CLEARLY MARKED WITH DURABLE LABEL  
 INDICATING THE CONTENTS OF THE CRATE (PARTS LIST) \*  
 ALL INDIVIDUAL COMPONENTS TO BE MARKED WITH A PART NUMBER AS  
 REFERENCED IN BILL OF MATERIALS (BOM) AND PARTS LIST \*  
 LOOSE COMPONENTS OR COMPONENTS SUBJECT TO DAMAGE FROM EXPOSURE  
 TO DUST OR WATER TO BE PACKED WITHIN HERMETICALLY SEALED PLASTIC BAGS \*  
 DUPLICATE COPY OF INSTALLATION INSTRUCTION AND BOM  
 TO BE INCLUDED WITH DELIVERY NOTE \*  
 ESKOM DRAWING No. D-DT-2871 \*

10	SAP 0637243, 0637244, 0637245, 06372461C 88+132kV 3 PIECE CABLE JOINT KITS ADDED AND 0606818 CORRECTED SAP NUMBER 0675620 ADDED.			P.A.T.	Q.KHUMALO	Q.KHUMALO	28.07.2020			
9	SAP 0606817 CORRECTED FROM AL TO CU			P.A.T.	Q.KHUMALO	Q.KHUMALO	13.04.2017			
8	ADDITIONAL CABLE JOINTS ADDED			P.A.T.	Q.KHUMALO	T. DU PLESSIS	10.11.2015			
REV	REVISION DESCRIPTION				BY	CHKD	AUTH	DATE	REF. DWGS	
AUTH:	R. KELLY		DATE:	18.06.2007			SAP No:		0169163	
CHKD:	R. KELLY		DATE:	18.06.2007	D-DT-2871		SET		SHEET	REV
DRAWN:	P.A. VERMAAK		DATE:	23.05.2007			71	54	10	

Unique Identifier:240-48887441


Revision 1

## SPEC SHEET

SAP MATERIAL No.:	0190094
SHORT DESCRIPTION:	JOINT KIT 1C 44kV1000SQCUXLPE S/INTD2871

### TECH. DESCRIPTION:

SHEATH INTERRUPTING JOINT KIT FOR 25/44kV XLPE-INSULATED 1 CORE  
 CABLE 1000mm SQUARE STRANDED COPPER CONDUCTOR \*  
 CORRUGATED SEAMLESS ALUMINIUM SHEATH \*  
 POLYETHYLENE OUTER SHEATH \*  
 SEE D-DT-0881 (SHEET 10) \*  
 COPPER SLEEVE WITH SHEATH INTERRUPTING INSULATOR \*  
 FIBREGLASS OUTER BOX \*  
 CONSISTS OF :  
 ALL NON-CONSUMABLE MATERIAL REQUIRED TO  
 COMPLETE JOINT, BILL OF MATERIALS, FULLY DIMENSIONED  
 ASSEMBLY DRAWINGS AND INSTALLATION INSTRUCTION \*  
 BITUMEN COMPOUND TO BE EXCLUDED \*  
 TORQUE SHEAR FERRULE TO BE INCLUDED \*  
 SHELF LIFE : ITEMS WITH MORE THAN 1/3 OF LIFESPAN WILL NOT BE ACCEPTED \*  
 CABLE ACCESSORIES TO BE INDIVIDUALLY PACKED IN WOODEN/EQUIV CRATES  
 SUITABLE FOR STORAGE OVER LONG PERIODS \*  
 ESKOM SAP NUMBER TO BE STENCILLED ONTO CRATES TOGETHER WITH CRATE NUMBER \*  
 EACH CRATE TO BE CLEARLY MARKED WITH DURABLE LABEL  
 INDICATING THE CONTENTS OF THE CRATE (PARTS LIST) \*  
 ALL INDIVIDUAL COMPONENTS TO BE MARKED WITH A PART NUMBER AS  
 REFERENCED IN BILL OF MATERIALS (BOM) AND PARTS LIST \*  
 LOOSE COMPONENTS OR COMPONENTS SUBJECT TO DAMAGE FROM EXPOSURE  
 TO DUST OR WATER TO BE PACKED WITHIN HERMETICALLY SEALED PLASTIC BAGS \*  
 DUPLICATE COPY OF INSTALLATION INSTRUCTION AND BOM  
 TO BE INCLUDED WITH DELIVERY NOTE \*  
 ESKOM DRAWING No. D-DT-2871 \*

10	SAP 0637243, 0637244, 0637245, 06372461C 88+132kV 3 PIECE CABLE JOINT KITS ADDED AND 0606818 CORRECTED SAP NUMBER 0675620 ADDED.			P.A.T.	Q.KHUMALO	Q.KHUMALO	28.07.2020			
9	SAP 0606817 CORRECTED FROM AL TO CU			P.A.T.	Q.KHUMALO	Q.KHUMALO	13.04.2017			
8	ADDITIONAL CABLE JOINTS ADDED			P.A.T.	Q.KHUMALO	T. DU PLESSIS	10.11.2015			
REV	REVISION DESCRIPTION				BY	CHKD	AUTH	DATE	REF. DWGS	
AUTH:	R. KELLY		DATE:	18.06.2007	<div>SCALE NTS</div> <div></div>		SAP No:		0190094	
CHKD:	R. KELLY		DATE:	18.06.2007						
					CAD REF: SERIES 2000					
DRAWN:	P.A. VERMAAK		DATE:	23.05.2007	D-DT-2871		SET		SHEET	
							71		55	
									REV	
									10	

Unique Identifier:240-48887441


Revision 1

## SPEC SHEET

SAP MATERIAL No.:	0234602
SHORT DESCRIPTION:	JOINT KIT 1C 66kV 300SQALXLPE STR D2871

### TECH. DESCRIPTION:

STRAIGHT JOINT KIT FOR 38/66kV XLPE-INSULATED 1 CORE CABLE \*  
 300mm SQUARE STRANDED ALUMINIUM CONDUCTOR \*  
 CORRUGATED SEAMLESS ALUMINIUM SHEATH \*  
 POLYETHYLENE OUTER SHEATH \*  
 SEE D-DT-0881 (SHEET 26) \*  
 COPPER SLEEVE \* FIBREGLASS OUTER BOX \*  
 CONSISTS OF :  
 ALL NON-CONSUMABLE MATERIAL REQUIRED TO COMPLETE JOINT,  
 BILL OF MATERIALS, FULLY DIMENSIONED ASSEMBLY DRAWINGS  
 AND INSTALLATION INSTRUCTION \*  
 BITUMEN COMPOUND TO BE EXCLUDED \*  
 TORQUE SHEAR FERRULE TO BE INCLUDED \*  
 SHELF LIFE : ITEMS WITH MORE THAN 1/3 OF LIFESPAN WILL NOT BE ACCEPTED \*  
 CABLE ACCESSORIES TO BE INDIVIDUALLY PACKED IN WOODEN/EQUIV CRATES  
 SUITABLE FOR STORAGE OVER LONG PERIODS \*  
 ESKOM SAP NUMBER TO BE STENCILLED ONTO CRATES TOGETHER WITH CRATE NUMBER \*  
 EACH CRATE TO BE CLEARLY MARKED WITH DURABLE LABEL  
 INDICATING THE CONTENTS OF THE CRATE (PARTS LIST) \*  
 ALL INDIVIDUAL COMPONENTS TO BE MARKED WITH A PART NUMBER AS  
 REFERENCED IN BILL OF MATERIALS (BOM) AND PARTS LIST \*  
 LOOSE COMPONENTS OR COMPONENTS SUBJECT TO DAMAGE FROM EXPOSURE  
 TO DUST OR WATER TO BE PACKED WITHIN HERMETICALLY SEALED PLASTIC BAGS \*  
 DUPLICATE COPY OF INSTALLATION INSTRUCTION AND BOM  
 TO BE INCLUDED WITH DELIVERY NOTE \*  
 ESKOM DRAWING No. D-DT-2871 \*

10	SAP 0637243, 0637244, 0637245, 06372461C 88+132kV 3 PIECE CABLE JOINT KITS ADDED AND 0606818 CORRECTED SAP NUMBER 0675620 ADDED.	P.A.T.	Q.KHUMALO	Q.KHUMALO	28.07.2020	
9	SAP 0606817 CORRECTED FROM AL TO CU	P.A.T.	Q.KHUMALO	Q.KHUMALO	13.04.2017	
8	ADDITIONAL CABLE JOINTS ADDED	P.A.T.	Q.KHUMALO	T. DU PLESSIS	10.11.2015	
REV	REVISION DESCRIPTION	BY	CHKD	AUTH	DATE	REF. DWGS
AUTH:	R. KELLY	DATE:	18.06.2007	 <b>D-DT-2871</b>	SAP No:	
CHKD:	R. KELLY	DATE:	18.06.2007		0234602	
DRAWN:	P.A. VERMAAK	DATE:	23.05.2007		SET	SHEET
					71	56
						REV
						10


Unique Identifier:240-48887441

Revision 1

## SPEC SHEET

SAP MATERIAL No.:	0234603
SHORT DESCRIPTION:	JOINT KIT 1C 66kV 300SQALXLPE S/INTD2871

TECH. DESCRIPTION:  
 SHEATH INTERRUPTING JOINT KIT FOR 38/66kV XLPE-INSULATED 1 CORE CABLE \*  
 300mm SQUARE STRANDED ALUMINIUM CONDUCTOR \*  
 CORRUGATED SEAMLESS ALUMINIUM SHEATH \*  
 POLYETHYLENE OUTER SHEATH \*  
 SEE D-DT-0881 (SHEET 26) \*  
 COPPER SLEEVE WITH SHEATH INTERRUPTING INSULATOR \*  
 FIBREGLASS OUTER BOX \*  
 CONSISTS OF :  
 ALL NON-CONSUMABLE MATERIAL REQUIRED TO COMPLETE JOINT,  
 BILL OF MATERIALS, FULLY DIMENSIONED ASSEMBLY DRAWINGS  
 AND INSTALLATION INSTRUCTION \*  
 BITUMEN COMPOUND TO BE EXCLUDED \*  
 TORQUE SHEAR FERRULE TO BE INCLUDED \*  
 SHELF LIFE : ITEMS WITH MORE THAN 1/3 OF LIFESPAN WILL NOT BE ACCEPTED \*  
 CABLE ACCESSORIES TO BE INDIVIDUALLY PACKED IN WOODEN/EQUIV CRATES  
 SUITABLE FOR STORAGE OVER LONG PERIODS \*  
 ESKOM SAP NUMBER TO BE STENCILLED ONTO CRATES TOGETHER WITH CRATE NUMBER \*  
 EACH CRATE TO BE CLEARLY MARKED WITH DURABLE LABEL  
 INDICATING THE CONTENTS OF THE CRATE (PARTS LIST) \*  
 ALL INDIVIDUAL COMPONENTS TO BE MARKED WITH A PART NUMBER AS  
 REFERENCED IN BILL OF MATERIALS (BOM) AND PARTS LIST \*  
 LOOSE COMPONENTS OR COMPONENTS SUBJECT TO DAMAGE FROM EXPOSURE  
 TO DUST OR WATER TO BE PACKED WITHIN HERMETICALLY SEALED PLASTIC BAGS \*  
 DUPLICATE COPY OF INSTALLATION INSTRUCTION AND BOM  
 TO BE INCLUDED WITH DELIVERY NOTE \*  
 ESKOM DRAWING No. D-DT-2871 \*

10	SAP 0637243, 0637244, 0637245, 06372461C 88+132kV 3 PIECE CABLE JOINT KITS ADDED AND 0606818 CORRECTED SAP NUMBER 0675620 ADDED.	P.A.T.	Q.KHUMALO	Q.KHUMALO	28.07.2020	
9	SAP 0606817 CORRECTED FROM AL TO CU	P.A.T.	Q.KHUMALO	Q.KHUMALO	13.04.2017	
8	ADDITIONAL CABLE JOINTS ADDED	P.A.T.	Q.KHUMALO	T. DU PLESSIS	10.11.2015	
REV	REVISION DESCRIPTION	BY	CHKD	AUTH	DATE	REF. DWGS
AUTH:	R. KELLY	DATE:	18.06.2007	 <b>D-DT-2871</b>	SAP No:	
CHKD:	R. KELLY	DATE:	18.06.2007		0234603	
DRAWN:	P.A. VERMAAK	DATE:	23.05.2007		SET	SHEET
					71	57
						10

Unique Identifier:240-48887441

Revision 1



## SPEC SHEET

SAP MATERIAL No.:	0234604
SHORT DESCRIPTION:	JOINT KIT 1C 66kV300-500SQALXLPSTRD2871

## TECH. DESCRIPTION:

## STRAIGHT JOINT KIT FOR 38/66kV XLPE-INSULATED 1 CORE CABLE \*

SUITABLE FOR :

300mm SQUARE STRANDED ALUMINIUM CONDUCTOR (SEE D-DT-0881 SHEET 26) TO  
500mm SQUARE STRANDED ALUMINIUM CONDUCTOR (SEE D-DT-0881 SHEET 38) AND  
400mm SQUARE STRANDED ALUMINIUM CONDUCTOR (SEE D-DT-0881 SHEET 27) TO  
500mm SQUARE STRANDED ALUMINIUM CONDUCTOR (SEE D-DT-0881 SHEET 38) AND  
500mm TO 500mm (SEE D-DT-0881 SHEET 38) SQUARE STRANDED ALUMINIUM CONDUCTOR \*  
CORRUGATED SEAMLESS ALUMINIUM SHEATH \*  
POLYETHYLENE OUTER SHEATH \*  
COPPER SLEEVE \* FIBREGLOSS OUTER BOX \*

CONSISTS OF :

ALL NON-CONSUMABLE MATERIAL REQUIRED TO COMPLETE JOINT,  
BILL OF MATERIALS, FULLY DIMENSIONED ASSEMBLY DRAWINGS  
AND INSTALLATION INSTRUCTION \*

BITUMEN COMPOUND TO BE EXCLUDED \*

TORQUE SHEAR FERRULES (300mm SQ. TO 500mm SQ., 400mm SQ. TO 500mm SQ. AND 500mm SQ. TO 500mm SQ.) TO BE INCLUDED \*

SHELF LIFE : ITEMS WITH MORE THAN  $\frac{1}{3}$  OF LIFESPAN WILL NOT BE ACCEPTED \*

CABLE ACCESSORIES TO BE INDIVIDUALLY PACKED IN WOODEN/EQUIV CRATES

SUITABLE FOR STORAGE OVER LONG PERIODS \*

ESKOM SAP NUMBER TO BE STENCILLED ONTO CRATES TOGETHER WITH CRATE NUMBER \*

EACH CRATE TO BE CLEARLY MARKED WITH DURABLE LABEL

INDICATING THE CONTENTS OF THE CRATE (PARTS LIST) \*

ALL INDIVIDUAL COMPONENTS TO BE MARKED WITH A PART NUMBER AS


REFERENCED IN BILL OF MATERIALS (BOM) AND PARTS LIST \*

LOOSE COMPONENTS OR COMPONENTS SUBJECT TO DAMAGE FROM EXPOSURE  
TO DUST OR WATER TO BE PACKED WITHIN HERMETICALLY SEALED PLASTIC BAGS \*


DUPLICATE COPY OF INSTALLATION INSTRUCTION AND BOM

TO BE INCLUDED WITH DELIVERY NOTE \*

ESKOM DRAWING No. D-DT-2871 \*

10	SAP 0637243, 0637244, 0637245, 06372461C 88+132kV 3 PIECE CABLE JOINT KITS ADDED AND 0606818 CORRECTED SAP NUMBER 0675620 ADDED.				P.A.T.	Q.KHUMALO	Q.KHUMALO	28.07.2020			
9	SAP 0606817 CORRECTED FROM AL TO CU				P.A.T.	Q.KHUMALO	Q.KHUMALO	13.04.2017			
8	ADDITIONAL CABLE JOINTS ADDED				P.A.T.	Q.KHUMALO	T. DU PLESSIS	10.11.2015			
REV	REVISION DESCRIPTION				BY	CHKD	AUTH	DATE	REF. DWGS		
AUTH:	R. KELLY		DATE:	18.06.2007	SCALE			SAP No:			
				NTS	0234604						
CHKD:	R. KELLY		DATE:	18.06.2007	CAD REF:	D-DT-2871		SET		SHEET	REV
				SERIES 2000	71			58	10		
DRAWN:	P.A. VERMAAK		DATE:	23.05.2007	FILE No:						
				2871							

## SPEC SHEET

SAP MATERIAL No.:	0234605							
SHORT DESCRIPTION:	JOINT KIT 1C 66kV300-500SQALXLPES/I D2871							
<p>TECH. DESCRIPTION:</p> <p>SHEATH INTERRUPTING JOINT KIT FOR 38/66kV XLPE-INSULATED 1 CORE CABLE *</p> <p>SUITABLE FOR :</p> <p>300mm SQUARE STRANDED ALUMINIUM CONDUCTOR (SEE D-DT-0881 SHEET 26) TO</p> <p>500mm SQUARE STRANDED ALUMINIUM CONDUCTOR (SEE D-DT-0881 SHEET 38) AND</p> <p>400mm SQUARE STRANDED ALUMINIUM CONDUCTOR (SEE D-DT-0881 SHEET 27) TO</p> <p>500mm SQUARE STRANDED ALUMINIUM CONDUCTOR (SEE D-DT-0881 SHEET 38) AND</p> <p>500mm TO 500mm (SEE D-DT-0881 SHEET 38) SQUARE STRANDED ALUMINIUM CONDUCTOR *</p> <p>CORRUGATED SEAMLESS ALUMINIUM SHEATH *</p> <p>POLYETHYLENE OUTER SHEATH *</p> <p>SEE D-DT-0881 (SHEET 27) *</p> <p>COPPER SLEEVE WITH SHEATH INTERRUPTING INSULATOR *</p> <p>FIBREGLOSS OUTER BOX *</p> <p>CONSISTS OF :</p> <p>ALL NON-CONSUMABLE MATERIAL REQUIRED TO COMPLETE JOINT,</p> <p>BILL OF MATERIALS, FULLY DIMENSIONED ASSEMBLY DRAWINGS</p> <p>AND INSTALLATION INSTRUCTION *</p> <p>BITUMEN COMPOUND TO BE EXCLUDED *</p> <p>TORQUE SHEAR FERRULES (300mm SQ. TO 500mm SQ., 400mm SQ. TO 500mm SQ AND</p> <p>500mm SQ TO 500mm SQ.) TO BE INCLUDED *</p> <p>SHELF LIFE : ITEMS WITH MORE THAN 1/3 OF LIFESPAN WILL NOT BE ACCEPTED *</p> <p>CABLE ACCESSORIES TO BE INDIVIDUALLY PACKED IN WOODEN/EQUIV CRATES</p> <p>SUITABLE FOR STORAGE OVER LONG PERIODS *</p> <p>ESKOM SAP NUMBER TO BE STENCILLED ONTO CRATES TOGETHER WITH CRATE NUMBER *</p> <p>EACH CRATE TO BE CLEARLY MARKED WITH DURABLE LABEL</p> <p>INDICATING THE CONTENTS OF THE CRATE (PARTS LIST) *</p> <p>ALL INDIVIDUAL COMPONENTS TO BE MARKED WITH A PART NUMBER AS</p> <p>REFERENCED IN BILL OF MATERIALS (BOM) AND PARTS LIST *</p> <p>LOOSE COMPONENTS OR COMPONENTS SUBJECT TO DAMAGE FROM EXPOSURE</p> <p>TO DUST OR WATER TO BE PACKED WITHIN HERMETICALLY SEALED PLASTIC BAGS *</p> <p>DUPLICATE COPY OF INSTALLATION INSTRUCTION AND BOM</p> <p>TO BE INCLUDED WITH DELIVERY NOTE *</p> <p>ESKOM DRAWING No. D-DT-2871 *</p>								
10	SAP 0637243, 0637244, 0637245, 06372461C 88+132kV 3 PIECE CABLE JOINT KITS ADDED AND 0606818 CORRECTED SAP NUMBER 0675620 ADDED.		P.A.T.	Q.KHUMALO	Q.KHUMALO	28.07.2020		
9	SAP 0606817 CORRECTED FROM AL TO CU		P.A.T.	Q.KHUMALO	Q.KHUMALO	13.04.2017		
8	ADDITIONAL CABLE JOINTS ADDED		P.A.T.	Q.KHUMALO	T. DU PLESSIS	10.11.2015		
REV	REVISION DESCRIPTION		BY	CHKD	AUTH	DATE		
AUTH:	R. KELLY	DATE:	18.06.2007	 <b>D-DT-2871</b>		SAP No:		
CHKD:	R. KELLY	DATE:	18.06.2007			0234605		
DRAWN:	P.A. VERMAAK	DATE:	23.05.2007			SET	SHEET	REV
			2871			71	59	10

Unique Identifier:240-48887441


Revision 1

## SPEC SHEET

SAP MATERIAL No.:	0227507
SHORT DESCRIPTION:	JOINT KIT 1C 88kV 240SQ XLPE S/INT D2871

### TECH. DESCRIPTION:

SHEATH INTERRUPTING JOINT KIT FOR 51/88kV XLPE-INSULATED 1 CORE CABLE \*  
 240mm SQUARE STRANDED COPPER CONDUCTOR \*  
 90mm SQUARE COPPER WIRE SCREEN \*  
 ALUMINIUM POLYETHYLENE LAMINATE (APL) SHEATH \*  
 SEE D-DT-0881 (SHEET 15) \*  
 PROTECTIVE OUTER CASING \*  
 SUITABLE FOR SHEATH INTERRUPTION CONCENTRIC BONDING LEAD \*  
 TORQUE SHEAR MECHANICAL FERRULE \*  
 CONSISTS OF :  
 ALL NON-CONSUMABLE MATERIAL REQUIRED TO  
 COMPLETE JOINT, BILL OF MATERIALS, FULLY DIMENSIONED  
 ASSEMBLY DRAWINGS AND INSTRUCTION SHEET \*  
 BITUMEN COMPOUND TO BE EXCLUDED \*  
 SHELF LIFE : ITEMS WITH MORE THAN 1/3 OF LIFESPAN WILL NOT BE ACCEPTED \*  
 CABLE ACCESSORIES TO BE INDIVIDUALLY PACKED IN WOODEN/EQUIV CRATES  
 SUITABLE FOR STORAGE OVER LONG PERIODS \*  
 ESKOM SAP NUMBER TO BE STENCILLED ONTO CRATES TOGETHER WITH CRATE NUMBER \*  
 EACH CRATE TO BE CLEARLY MARKED WITH DURABLE LABEL  
 INDICATING THE CONTENTS OF THE CRATE (PARTS LIST) \*  
 ALL INDIVIDUAL COMPONENTS TO BE MARKED WITH A PART NUMBER AS  
 REFERENCED IN BILL OF MATERIALS (BOM) AND PARTS LIST \*  
 LOOSE COMPONENTS OR COMPONENTS SUBJECT TO DAMAGE FROM EXPOSURE  
 TO DUST OR WATER TO BE PACKED WITHIN HERMETICALLY SEALED PLASTIC BAGS \*  
 DUPLICATE COPY OF INSTALLATION INSTRUCTION AND BOM  
 TO BE INCLUDED WITH DELIVERY NOTE \*  
 ESKOM DRAWING No. D-DT-2871 \*

10	SAP 0637243, 0637244, 0637245, 06372461C 88+132kV 3 PIECE CABLE JOINT KITS ADDED AND 0606818 CORRECTED SAP NUMBER 0675620 ADDED.			P.A.T.	Q.KHUMALO	Q.KHUMALO	28.07.2020					
9	SAP 0606817 CORRECTED FROM AL TO CU			P.A.T.	Q.KHUMALO	Q.KHUMALO	13.04.2017					
8	ADDITIONAL CABLE JOINTS ADDED			P.A.T.	Q.KHUMALO	T. DU PLESSIS	10.11.2015					
REV	REVISION DESCRIPTION			BY	CHKD	AUTH	DATE	REF. DWGS				
AUTH:	R. KELLY		DATE:	18.06.2007	SCALE NTS	 <b>D-DT-2871</b>	SAP No:					
CHKD:	R. KELLY		DATE:	18.06.2007			CAD REF:		0227507			
			DATE:	23.05.2007	SERIES 2000		SET		SHEET		REV	
					FILE No: 2871		71		60		10	

Unique Identifier:240-48887441

Revision 1


## SPEC SHEET

SAP MATERIAL No.:	0234606							
SHORT DESCRIPTION:	JOINT KIT 1C 132kV 240SQCUXLPE STR D2871							
<p>TECH. DESCRIPTION:</p> <p>STRAIGHT JOINT KIT FOR 76/132kV XLPE-INSULATED 1 CORE CABLE *</p> <p>240mm SQUARE STRANDED COPPER CONDUCTOR *</p> <p>CORRUGATED SEAMLESS ALUMINIUM SHEATH *</p> <p>COPPER SLEEVE * FIBREGLASS OUTER BOX *</p> <p>POLYETHYLENE OUTER SHEATH *</p> <p>SEE D-DT-0881 (SHEET 31) *</p> <p>COPPER SLEEVE *</p> <p>FIBREGLASS OUTER BOX *</p> <p>TORQUE SHEAR MECHANICAL FERRULE *</p> <p>CONSISTS OF :</p> <p>ALL NON-CONSUMABLE MATERIAL REQUIRED TO COMPLETE JOINT, BILL OF MATERIALS, FULLY DIMENSIONED ASSEMBLY DRAWINGS AND INSTALLATION INSTRUCTION *</p> <p>BITUMEN COMPOUND TO BE EXCLUDED *</p> <p>SHELF LIFE : ITEMS WITH MORE THAN 1/3 OF LIFESPAN WILL NOT BE ACCEPTED *</p> <p>CABLE ACCESSORIES TO BE INDIVIDUALLY PACKED IN WOODEN/EQUIV CRATES SUITABLE FOR STORAGE OVER LONG PERIODS *</p> <p>ESKOM SAP NUMBER TO BE STENCILLED ONTO CRATES TOGETHER WITH CRATE NUMBER *</p> <p>EACH CRATE TO BE CLEARLY MARKED WITH DURABLE LABEL INDICATING THE CONTENTS OF THE CRATE (PARTS LIST) *</p> <p>ALL INDIVIDUAL COMPONENTS TO BE MARKED WITH A PART NUMBER AS REFERENCED IN BILL OF MATERIALS (BOM) AND PARTS LIST *</p> <p>LOOSE COMPONENTS OR COMPONENTS SUBJECT TO DAMAGE FROM EXPOSURE TO DUST OR WATER TO BE PACKED WITHIN HERMETICALLY SEALED PLASTIC BAGS *</p> <p>DUPLICATE COPY OF INSTALLATION INSTRUCTION AND BOM TO BE INCLUDED WITH DELIVERY NOTE *</p> <p>ESKOM DRAWING No. D-DT-2871 *</p>								
10	SAP 0637243, 0637244, 0637245, 06372461C 88+132kV 3 PIECE CABLE JOINT KITS ADDED AND 0606818 CORRECTED SAP NUMBER 0675620 ADDED.			P.A.T.	Q.KHUMALO	Q.KHUMALO	28.07.2020	
9	SAP 0606817 CORRECTED FROM AL TO CU			P.A.T.	Q.KHUMALO	Q.KHUMALO	13.04.2017	
8	ADDITIONAL CABLE JOINTS ADDED			P.A.T.	Q.KHUMALO	T. DU PLESSIS	10.11.2015	
REV	REVISION DESCRIPTION			BY	CHKD	AUTH	DATE	
AUTH:	R. KELLY	DATE:	18.06.2007	  <b>D-DT-2871</b>		SAP No:		
CHKD:	R. KELLY	DATE:	18.06.2007			0234606		
DRAWN:	P.A. VERMAAK	DATE:	23.05.2007			SET	SHEET	REV
						71	61	10

Unique Identifier:240-48887441

Revision 1

## SPEC SHEET

SAP MATERIAL No.:	0234607							
SHORT DESCRIPTION:	JOINT KIT 1C132kV240SQCUXLPE S/INT D2871							
<p>TECH. DESCRIPTION:</p> <p>SHEATH INTERRUPTING JOINT KIT FOR 76/132kV XLPE-INSULATED 1 CORE CABLE *</p> <p>240mm SQUARE STRANDED COPPER CONDUCTOR *</p> <p>CORRUGATED SEAMLESS ALUMINIUM SHEATH *</p> <p>POLYETHYLENE OUTER SHEATH *</p> <p>SEE D-DT-0881 (SHEET 31) *</p> <p>COPPER SLEEVE WITH SHEATH INTERRUPTING INSULATOR *</p> <p>FIBREGLASS OUTER BOX *</p> <p>TORQUE SHEAR MECHANICAL FERRULE *</p> <p>CONSISTS OF :</p> <p>ALL NON-CONSUMABLE MATERIAL REQUIRED TO COMPLETE JOINT,</p> <p>BILL OF MATERIALS, FULLY DIMENSIONED ASSEMBLY DRAWINGS</p> <p>AND INSTALLATION INSTRUCTION *</p> <p>BITUMEN COMPOUND TO BE EXCLUDED *</p> <p>SHELF LIFE : ITEMS WITH MORE THAN 1/3 OF LIFESPAN WILL NOT BE ACCEPTED *</p> <p>CABLE ACCESSORIES TO BE INDIVIDUALLY PACKED IN WOODEN/EQUIV CRATES</p> <p>SUITABLE FOR STORAGE OVER LONG PERIODS *</p> <p>ESKOM SAP NUMBER TO BE STENCILLED ONTO CRATES TOGETHER WITH CRATE NUMBER *</p> <p>EACH CRATE TO BE CLEARLY MARKED WITH DURABLE LABEL</p> <p>INDICATING THE CONTENTS OF THE CRATE (PARTS LIST) *</p> <p>ALL INDIVIDUAL COMPONENTS TO BE MARKED WITH A PART NUMBER AS</p> <p>REFERENCED IN BILL OF MATERIALS (BOM) AND PARTS LIST *</p> <p>LOOSE COMPONENTS OR COMPONENTS SUBJECT TO DAMAGE FROM EXPOSURE</p> <p>TO DUST OR WATER TO BE PACKED WITHIN HERMETICALLY SEALED PLASTIC BAGS *</p> <p>DUPLICATE COPY OF INSTALLATION INSTRUCTION AND BOM</p> <p>TO BE INCLUDED WITH DELIVERY NOTE *</p> <p>ESKOM DRAWING No. D-DT-2871 *</p>								
10	SAP 0637243, 0637244, 0637245, 06372461C 88+132kV 3 PIECE CABLE JOINT KITS ADDED AND 0606818 CORRECTED SAP NUMBER 0675620 ADDED.			P.A.T.	Q.KHUMALO	Q.KHUMALO	28.07.2020	
9	SAP 0606817 CORRECTED FROM AL TO CU			P.A.T.	Q.KHUMALO	Q.KHUMALO	13.04.2017	
8	ADDITIONAL CABLE JOINTS ADDED			P.A.T.	Q.KHUMALO	T. DU PLESSIS	10.11.2015	
REV	REVISION DESCRIPTION			BY	CHKD	AUTH	DATE	
AUTH:	R. KELLY	DATE:	18.06.2007	 <b>D-DT-2871</b>		SAP No:		
CHKD:	R. KELLY	DATE:	18.06.2007			0234607		
DRAWN:	P.A. VERMAAK	DATE:	23.05.2007			SET	SHEET	REV
						71	62	10


## SPEC SHEET

SAP MATERIAL No.:		0234608					
SHORT DESCRIPTION:		JOINT KIT 1C 132kV 300SQALXLPE STR D2871					
TECH. DESCRIPTION:							
STRAIGHT JOINT KIT FOR 76/132kV XLPE-INSULATED 1 CORE CABLE *							
300mm SQUARE STRANDED ALUMINIUM CONDUCTOR *							
CORRUGATED SEAMLESS ALUMINIUM SHEATH *							
COPPER SLEEVE * FIBREGLASS OUTER BOX *							
POLYETHYLENE OUTER SHEATH *							
SEE D-DT-0881 (SHEET 32) *							
COPPER SLEEVE *							
FIBREGLASS OUTER BOX *							
TORQUE SHEAR MECHANICAL FERRULE *							
CONSISTS OF :							
ALL NON-CONSUMABLE MATERIAL REQUIRED TO COMPLETE JOINT,							
BILL OF MATERIALS, FULLY DIMENSIONED ASSEMBLY DRAWINGS							
AND INSTALLATION INSTRUCTION *							
BITUMEN COMPOUND TO BE EXCLUDED *							
SHELF LIFE : ITEMS WITH MORE THAN 1/3 OF LIFESPAN WILL NOT BE ACCEPTED *							
CABLE ACCESSORIES TO BE INDIVIDUALLY PACKED IN WOODEN/EQUIV CRATES							
SUITABLE FOR STORAGE OVER LONG PERIODS *							
ESKOM SAP NUMBER TO BE STENCILLED ONTO CRATES TOGETHER WITH CRATE NUMBER *							
EACH CRATE TO BE CLEARLY MARKED WITH DURABLE LABEL							
INDICATING THE CONTENTS OF THE CRATE (PARTS LIST) *							
ALL INDIVIDUAL COMPONENTS TO BE MARKED WITH A PART NUMBER AS							
REFERENCED IN BILL OF MATERIALS (BOM) AND PARTS LIST *							
LOOSE COMPONENTS OR COMPONENTS SUBJECT TO DAMAGE FROM EXPOSURE							
TO DUST OR WATER TO BE PACKED WITHIN HERMETICALLY SEALED PLASTIC BAGS *							
DUPLICATE COPY OF INSTALLATION INSTRUCTION AND BOM							
TO BE INCLUDED WITH DELIVERY NOTE *							
ESKOM DRAWING No. D-DT-2871 *							

## SPEC SHEET

SAP MATERIAL No.:	0234609
SHORT DESCRIPTION:	JOINT KIT 1C132kV/300SQALXLPE S/INT D2871

TECH. DESCRIPTION:  
 SHEATH INTERRUPTING JOINT KIT FOR 76/132kV XLPE-INSULATED 1 CORE CABLE \*  
 300mm SQUARE STRANDED ALUMINIUM CONDUCTOR \*  
 CORRUGATED SEAMLESS ALUMINIUM SHEATH \*  
 POLYETHYLENE OUTER SHEATH \*  
 SEE D-DT-0881 (SHEET 32) \*  
 COPPER SLEEVE WITH SHEATH INTERRUPTING INSULATOR \*  
 FIBREGLASS OUTER BOX \*  
 TORQUE SHEAR MECHANICAL FERRULE \*  
 CONSISTS OF :  
 ALL NON-CONSUMABLE MATERIAL REQUIRED TO COMPLETE JOINT,  
 BILL OF MATERIALS, FULLY DIMENSIONED ASSEMBLY DRAWINGS  
 AND INSTALLATION INSTRUCTION \*  
 BITUMEN COMPOUND TO BE EXCLUDED \*  
 SHELF LIFE : ITEMS WITH MORE THAN 1/3 OF LIFESPAN WILL NOT BE ACCEPTED \*  
 CABLE ACCESSORIES TO BE INDIVIDUALLY PACKED IN WOODEN/EQUIV CRATES  
 SUITABLE FOR STORAGE OVER LONG PERIODS \*  
 ESKOM SAP NUMBER TO BE STENCILLED ONTO CRATES TOGETHER WITH CRATE NUMBER \*  
 EACH CRATE TO BE CLEARLY MARKED WITH DURABLE LABEL  
 INDICATING THE CONTENTS OF THE CRATE (PARTS LIST) \*  
 ALL INDIVIDUAL COMPONENTS TO BE MARKED WITH A PART NUMBER AS  
 REFERENCED IN BILL OF MATERIALS (BOM) AND PARTS LIST \*  
 LOOSE COMPONENTS OR COMPONENTS SUBJECT TO DAMAGE FROM EXPOSURE  
 TO DUST OR WATER TO BE PACKED WITHIN HERMETICALLY SEALED PLASTIC BAGS \*  
 DUPLICATE COPY OF INSTALLATION INSTRUCTION AND BOM  
 TO BE INCLUDED WITH DELIVERY NOTE \*  
 ESKOM DRAWING No. D-DT-2871 \*

10	SAP 0637243, 0637244, 0637245, 06372461C 88+132kV 3 PIECE CABLE JOINT KITS ADDED AND 0606818 CORRECTED SAP NUMBER 0675620 ADDED.	P.A.T.	Q.KHUMALO	Q.KHUMALO	28.07.2020	
9	SAP 0606817 CORRECTED FROM AL TO CU	P.A.T.	Q.KHUMALO	Q.KHUMALO	13.04.2017	
8	ADDITIONAL CABLE JOINTS ADDED	P.A.T.	Q.KHUMALO	T. DU PLESSIS	10.11.2015	
REV	REVISION DESCRIPTION	BY	CHKD	AUTH	DATE	REF. DWGS
AUTH:	R. KELLY	DATE:	18.06.2007	 <b>D-DT-2871</b>	SAP No:	
CHKD:	R. KELLY	DATE:	18.06.2007		0234609	
DRAWN:	P.A. VERMAAK	DATE:	23.05.2007		SET	SHEET
					71	64
						10

Unique Identifier:240-48887441

Revision 1



## SPEC SHEET

SAP MATERIAL No.:	0234610
SHORT DESCRIPTION:	JOINT KIT 1C 132kV 500SQCUXLPE STR D2871

### TECH. DESCRIPTION:

STRAIGHT JOINT KIT FOR 76/132kV XLPE-INSULATED 1 CORE CABLE \*

SUITABLE FOR :

500mm TO 500mm (SEE D-DT-0881 SHEET 34) SQUARE STRANDED COPPER CONDUCTOR \*

300mm SQUARE STRANDED ALUMINIUM CONDUCTOR (SEE D-DT-0881 SHEET 32) TO

500mm SQUARE STRANDED COPPER CONDUCTOR (SEE D-DT-0881 SHEET 34) \*

240mm SQUARE STRANDED COPPER CONDUCTOR (SEE D-DT-0881 SHEET 31) TO

500mm SQUARE STRANDED COPPER CONDUCTOR (SEE D-DT-0881 SHEET 34) \*

CORRUGATED SEAMLESS ALUMINIUM SHEATH \*

COPPER SLEEVE \* FIBREGLASS OUTER BOX \*

POLYETHYLENE OUTER SHEATH \*

COPPER SLEEVE \*

FIBREGLASS OUTER BOX \*

TORQUE SHEAR FERRULES (500mm SQ TO 500mm SQ AND 300mm SQ TO 500mm SQ AND

240mm SQ TO 500mm SQ) TO BE INCLUDED \*

CONSISTS OF :

ALL NON-CONSUMABLE MATERIAL REQUIRED TO COMPLETE JOINT,

BILL OF MATERIALS, FULLY DIMENSIONED ASSEMBLY DRAWINGS

AND INSTALLATION INSTRUCTION \*

BITUMEN COMPOUND TO BE EXCLUDED \*

SHELF LIFE : ITEMS WITH MORE THAN 1/3 OF LIFESPAN WILL NOT BE ACCEPTED \*

CABLE ACCESSORIES TO BE INDIVIDUALLY PACKED IN WOODEN/EQUIV CRATES

SUITABLE FOR STORAGE OVER LONG PERIODS \*

ESKOM SAP NUMBER TO BE STENCILLED ONTO CRATES TOGETHER WITH CRATE NUMBER \*

EACH CRATE TO BE CLEARLY MARKED WITH DURABLE LABEL

INDICATING THE CONTENTS OF THE CRATE (PARTS LIST) \*

ALL INDIVIDUAL COMPONENTS TO BE MARKED WITH A PART NUMBER AS

REFERENCED IN BILL OF MATERIALS (BOM) AND PARTS LIST \*


LOOSE COMPONENTS OR COMPONENTS SUBJECT TO DAMAGE FROM EXPOSURE

TO DUST OR WATER TO BE PACKED WITHIN HERMETICALLY SEALED PLASTIC BAGS \*

DUPLICATE COPY OF INSTALLATION INSTRUCTION AND BOM

TO BE INCLUDED WITH DELIVERY NOTE \*

ESKOM DRAWING No. D-DT-2871 \*

10	SAP 0637243, 0637244, 0637245, 06372461C 88+132kV 3 PIECE CABLE JOINT KITS ADDED AND 0606818 CORRECTED SAP NUMBER 0675620 ADDED.	P.A.T.	Q.KHUMALO	Q.KHUMALO	28.07.2020	
9	SAP 0606817 CORRECTED FROM AL TO CU	P.A.T.	Q.KHUMALO	Q.KHUMALO	13.04.2017	
8	ADDITIONAL CABLE JOINTS ADDED	P.A.T.	Q.KHUMALO	T. DU PLESSIS	10.11.2015	
REV	REVISION DESCRIPTION	BY	CHKD	AUTH	DATE	REF. DWGS
AUTH:	R. KELLY	DATE:	18.06.2007	 <b>D-DT-2871</b>	SAP No:	
CHKD:	R. KELLY	DATE:	18.06.2007		0234610	
DRAWN:	P.A. VERMAAK	DATE:	23.05.2007		SET	SHEET
					71	65
						10


Unique Identifier:240-48887441

Revision 1

## SPEC SHEET

SAP MATERIAL No.:	0234611
SHORT DESCRIPTION:	JOINT KIT 1C132kV/500SQCUXLPE S/INT D2871

TECH. DESCRIPTION:  
 SHEATH INTERRUPTING JOINT KIT FOR 76/132kV XLPE-INSULATED 1 CORE CABLE \*  
 SUITABLE FOR :  
 500mm TO 500mm (SEE D-DT-0881 SHEET 34) SQUARE STRANDED COPPER CONDUCTOR \*  
 300mm SQUARE STRANDED ALUMINIUM CONDUCTOR (SEE D-DT-0881 SHEET 32) TO  
 500mm SQUARE STRANDED COPPER CONDUCTOR (SEE D-DT-0881 SHEET 34) \*  
 240mm SQUARE STRANDED COPPER CONDUCTOR (SEE D-DT-0881 SHEET 31) TO  
 500mm SQUARE STRANDED COPPER CONDUCTOR (SEE D-DT-0881 SHEET 34) \*  
 CORRUGATED SEAMLESS ALUMINIUM SHEATH \*  
 COPPER SLEEVE WITH SHEATH INTERRUPTING INSULATOR \*  
 FIBREGLOSS OUTER BOX \*  
 POLYETHYLENE OUTER SHEATH \*  
 COPPER SLEEVE \*  
 FIBREGLOSS OUTER BOX \*  
 TORQUE SHEAR FERRULES (500mm SQ TO 500mm SQ AND 300mm SQ TO 500mm SQ AND  
 240mm SQ TO 500mm SQ) TO BE INCLUDED \*  
 CONSISTS OF :  
 ALL NON-CONSUMABLE MATERIAL REQUIRED TO COMPLETE JOINT,  
 BILL OF MATERIALS, FULLY DIMENSIONED ASSEMBLY DRAWINGS  
 AND INSTALLATION INSTRUCTION \*  
 BITUMEN COMPOUND TO BE EXCLUDED \*  
 SHELF LIFE : ITEMS WITH MORE THAN 1/3 OF LIFESPAN WILL NOT BE ACCEPTED \*  
 CABLE ACCESSORIES TO BE INDIVIDUALLY PACKED IN WOODEN/EQUIV CRATES  
 SUITABLE FOR STORAGE OVER LONG PERIODS \*  
 ESKOM SAP NUMBER TO BE STENCILLED ONTO CRATES TOGETHER WITH CRATE NUMBER \*  
 EACH CRATE TO BE CLEARLY MARKED WITH DURABLE LABEL  
 INDICATING THE CONTENTS OF THE CRATE (PARTS LIST) \*  
 ALL INDIVIDUAL COMPONENTS TO BE MARKED WITH A PART NUMBER AS  
 REFERENCED IN BILL OF MATERIALS (BOM) AND PARTS LIST \*  
 LOOSE COMPONENTS OR COMPONENTS SUBJECT TO DAMAGE FROM EXPOSURE  
 TO DUST OR WATER TO BE PACKED WITHIN HERMETICALLY SEALED PLASTIC BAGS \*  
 DUPLICATE COPY OF INSTALLATION INSTRUCTION AND BOM  
 TO BE INCLUDED WITH DELIVERY NOTE \*  
 ESKOM DRAWING No. D-DT-2871 \*

10	SAP 0637243, 0637244, 0637245, 06372461C 88+132kV 3 PIECE CABLE JOINT KITS ADDED AND 0606818 CORRECTED SAP NUMBER 0675620 ADDED.			P.A.T.	Q.KHUMALO	Q.KHUMALO	28.07.2020			
9	SAP 0606817 CORRECTED FROM AL TO CU			P.A.T.	Q.KHUMALO	Q.KHUMALO	13.04.2017			
8	ADDITIONAL CABLE JOINTS ADDED			P.A.T.	Q.KHUMALO	T. DU PLESSIS	10.11.2015			
REV	REVISION DESCRIPTION				BY	CHKD	AUTH	DATE	REF. DWGS	
AUTH:	R. KELLY		DATE:	18.06.2007	SCALE NTS	 <b>D-DT-2871</b>	SAP No:			
CHKD:	R. KELLY		DATE:	18.06.2007			0234611			
				CAD REF: SERIES 2000	SET		SHEET	REV		
DRAWN:	P.A. VERMAAK		DATE:	23.05.2007	FILE No: 2871	71	66	10		

Unique Identifier:240-48887441

Revision 1


## SPEC SHEET

SAP MATERIAL No.:		0234612					
SHORT DESCRIPTION:		JOINT KIT 1C 132kV 630SQCUXLPE STR D2871					
TECH. DESCRIPTION:							
STRAIGHT JOINT KIT FOR 76/132kV XLPE-INSULATED 1 CORE CABLE *							
630mm SQUARE STRANDED COPPER CONDUCTOR *							
CORRUGATED SEAMLESS ALUMINIUM SHEATH *							
COPPER SLEEVE * FIBREGLASS OUTER BOX *							
POLYETHYLENE OUTER SHEATH *							
SEE D-DT-0881 (SHEET 33) *							
COPPER SLEEVE *							
FIBREGLASS OUTER BOX *							
TORQUE SHEAR MECHANICAL FERRULE *							
CONSISTS OF :							
ALL NON-CONSUMABLE MATERIAL REQUIRED TO COMPLETE JOINT,							
BILL OF MATERIALS, FULLY DIMENSIONED ASSEMBLY DRAWINGS							
AND INSTALLATION INSTRUCTION *							
BITUMEN COMPOUND TO BE EXCLUDED *							
SHELF LIFE : ITEMS WITH MORE THAN 1/3 OF LIFESPAN WILL NOT BE ACCEPTED *							
CABLE ACCESSORIES TO BE INDIVIDUALLY PACKED IN WOODEN/EQUIV CRATES							
SUITABLE FOR STORAGE OVER LONG PERIODS *							
ESKOM SAP NUMBER TO BE STENCILLED ONTO CRATES TOGETHER WITH CRATE NUMBER *							
EACH CRATE TO BE CLEARLY MARKED WITH DURABLE LABEL							
INDICATING THE CONTENTS OF THE CRATE (PARTS LIST) *							
ALL INDIVIDUAL COMPONENTS TO BE MARKED WITH A PART NUMBER AS							
REFERENCED IN BILL OF MATERIALS (BOM) AND PARTS LIST *							
LOOSE COMPONENTS OR COMPONENTS SUBJECT TO DAMAGE FROM EXPOSURE							
TO DUST OR WATER TO BE PACKED WITHIN HERMETICALLY SEALED PLASTIC BAGS *							
DUPLICATE COPY OF INSTALLATION INSTRUCTION AND BOM							
TO BE INCLUDED WITH DELIVERY NOTE *							
ESKOM DRAWING No. D-DT-2871 *							

## SPEC SHEET

SAP MATERIAL No.:	0234613
SHORT DESCRIPTION:	JOINT KIT 1C132kV630SQCUXLPE S/INT D2871

TECH. DESCRIPTION:  
 SHEATH INTERRUPTING JOINT KIT FOR 76/132kV XLPE-INSULATED 1 CORE CABLE \*  
 630mm SQUARE STRANDED COPPER CONDUCTOR \*  
 CORRUGATED SEAMLESS ALUMINIUM SHEATH \*  
 POLYETHYLENE OUTER SHEATH \*  
 SEE D-DT-0881 (SHEET 33) \*  
 COPPER SLEEVE WITH SHEATH INTERRUPTING INSULATOR \*  
 FIBREGLASS OUTER BOX \*  
 TORQUE SHEAR MECHANICAL FERRULE \*  
 CONSISTS OF :  
 ALL NON-CONSUMABLE MATERIAL REQUIRED TO COMPLETE JOINT,  
 BILL OF MATERIALS, FULLY DIMENSIONED ASSEMBLY DRAWINGS  
 AND INSTALLATION INSTRUCTION \*  
 BITUMEN COMPOUND TO BE EXCLUDED \*  
 SHELF LIFE : ITEMS WITH MORE THAN 1/3 OF LIFESPAN WILL NOT BE ACCEPTED \*  
 CABLE ACCESSORIES TO BE INDIVIDUALLY PACKED IN WOODEN/EQUIV CRATES  
 SUITABLE FOR STORAGE OVER LONG PERIODS \*  
 ESKOM SAP NUMBER TO BE STENCILLED ONTO CRATES TOGETHER WITH CRATE NUMBER \*  
 EACH CRATE TO BE CLEARLY MARKED WITH DURABLE LABEL  
 INDICATING THE CONTENTS OF THE CRATE (PARTS LIST) \*  
 ALL INDIVIDUAL COMPONENTS TO BE MARKED WITH A PART NUMBER AS  
 REFERENCED IN BILL OF MATERIALS (BOM) AND PARTS LIST \*  
 LOOSE COMPONENTS OR COMPONENTS SUBJECT TO DAMAGE FROM EXPOSURE  
 TO DUST OR WATER TO BE PACKED WITHIN HERMETICALLY SEALED PLASTIC BAGS \*  
 DUPLICATE COPY OF INSTALLATION INSTRUCTION AND BOM  
 TO BE INCLUDED WITH DELIVERY NOTE \*  
 ESKOM DRAWING No. D-DT-2871 \*

10	SAP 0637243, 0637244, 0637245, 06372461C 88+132kV 3 PIECE CABLE JOINT KITS ADDED AND 0606818 CORRECTED SAP NUMBER 0675620 ADDED.	P.A.T.	Q.KHUMALO	Q.KHUMALO	28.07.2020	
9	SAP 0606817 CORRECTED FROM AL TO CU	P.A.T.	Q.KHUMALO	Q.KHUMALO	13.04.2017	
8	ADDITIONAL CABLE JOINTS ADDED	P.A.T.	Q.KHUMALO	T. DU PLESSIS	10.11.2015	
REV	REVISION DESCRIPTION	BY	CHKD	AUTH	DATE	REF. DWGS
AUTH:	R. KELLY	DATE:	18.06.2007	 <b>D-DT-2871</b>	SAP No:	
CHKD:	R. KELLY	DATE:	18.06.2007		0234613	
DRAWN:	P.A. VERMAAK	DATE:	23.05.2007		SET	SHEET
					71	68
						10

Unique Identifier:240-48887441

Revision 1


## SPEC SHEET

SAP MATERIAL No.:		0224348					
SHORT DESCRIPTION:		JOINT KIT 1C 132kV 1000SQCUXLPE STRD2871					
TECH. DESCRIPTION:							
STRAIGHT JOINT KIT FOR 76/132kV XLPE-INSULATED 1 CORE CABLE *							
1000mm SQUARE STRANDED COPPER CONDUCTOR *							
CORRUGATED SEAMLESS ALUMINIUM SHEATH *							
COPPER SLEEVE * FIBREGLASS OUTER BOX *							
POLYETHYLENE OUTER SHEATH *							
SEE D-DT-0881 (SHEET 18) *							
COPPER SLEEVE *							
FIBREGLASS OUTER BOX *							
TORQUE SHEAR MECHANICAL FERRULE *							
CONSISTS OF :							
ALL NON-CONSUMABLE MATERIAL REQUIRED TO COMPLETE JOINT,							
BILL OF MATERIALS, FULLY DIMENSIONED ASSEMBLY DRAWINGS							
AND INSTALLATION INSTRUCTION *							
BITUMEN COMPOUND TO BE EXCLUDED *							
SHELF LIFE : ITEMS WITH MORE THAN 1/3 OF LIFESPAN WILL NOT BE ACCEPTED *							
CABLE ACCESSORIES TO BE INDIVIDUALLY PACKED IN WOODEN/EQUIV CRATES							
SUITABLE FOR STORAGE OVER LONG PERIODS *							
ESKOM SAP NUMBER TO BE STENCILLED ONTO CRATES TOGETHER WITH CRATE NUMBER *							
EACH CRATE TO BE CLEARLY MARKED WITH DURABLE LABEL							
INDICATING THE CONTENTS OF THE CRATE (PARTS LIST) *							
ALL INDIVIDUAL COMPONENTS TO BE MARKED WITH A PART NUMBER AS							
REFERENCED IN BILL OF MATERIALS (BOM) AND PARTS LIST *							
LOOSE COMPONENTS OR COMPONENTS SUBJECT TO DAMAGE FROM EXPOSURE							
TO DUST OR WATER TO BE PACKED WITHIN HERMETICALLY SEALED PLASTIC BAGS *							
DUPLICATE COPY OF INSTALLATION INSTRUCTION AND BOM							
TO BE INCLUDED WITH DELIVERY NOTE *							
ESKOM DRAWING No. D-DT-2871 *							

# SPEC SHEET

SAP MATERIAL No.:	0224349
SHORT DESCRIPTION:	JOINT KIT 1C132kV/1000SQCUXLPE S/INTD2871


TECH. DESCRIPTION:  
 SHEATH INTERRUPTING JOINT KIT FOR 76/132kV XLPE-INSULATED 1 CORE CABLE \*  
 1000mm SQUARE STRANDED COPPER CONDUCTOR \*  
 CORRUGATED SEAMLESS ALUMINIUM SHEATH \*  
 POLYETHYLENE OUTER SHEATH \*  
 SEE D-DT-0881 (SHEET 18) \*  
 COPPER SLEEVE WITH SHEATH INTERRUPTING INSULATOR \*  
 FIBREGLASS OUTER BOX \*  
 TORQUE SHEAR MECHANICAL FERRULE \*  
 CONSISTS OF :  
 ALL NON-CONSUMABLE MATERIAL REQUIRED TO COMPLETE JOINT,  
 BILL OF MATERIALS, FULLY DIMENSIONED ASSEMBLY DRAWINGS  
 AND INSTALLATION INSTRUCTION \*  
 BITUMEN COMPOUND TO BE EXCLUDED \*  
 SHELF LIFE : ITEMS WITH MORE THAN 1/3 OF LIFESPAN WILL NOT BE ACCEPTED \*  
 CABLE ACCESSORIES TO BE INDIVIDUALLY PACKED IN WOODEN/EQUIV CRATES  
 SUITABLE FOR STORAGE OVER LONG PERIODS \*  
 ESKOM SAP NUMBER TO BE STENCILLED ONTO CRATES TOGETHER WITH CRATE NUMBER \*  
 EACH CRATE TO BE CLEARLY MARKED WITH DURABLE LABEL  
 INDICATING THE CONTENTS OF THE CRATE (PARTS LIST) \*  
 ALL INDIVIDUAL COMPONENTS TO BE MARKED WITH A PART NUMBER AS  
 REFERENCED IN BILL OF MATERIALS (BOM) AND PARTS LIST \*  
 LOOSE COMPONENTS OR COMPONENTS SUBJECT TO DAMAGE FROM EXPOSURE  
 TO DUST OR WATER TO BE PACKED WITHIN HERMETICALLY SEALED PLASTIC BAGS \*  
 DUPLICATE COPY OF INSTALLATION INSTRUCTION AND BOM  
 TO BE INCLUDED WITH DELIVERY NOTE \*  
 ESKOM DRAWING No. D-DT-2871 \*

10	SAP 0637243, 0637244, 0637245, 06372461C 88+132kV 3 PIECE CABLE JOINT KITS ADDED AND 0606818 CORRECTED SAP NUMBER 0675620 ADDED.	P.A.T.	Q.KHUMALO	Q.KHUMALO	28.07.2020	
9	SAP 0606817 CORRECTED FROM AL TO CU	P.A.T.	Q.KHUMALO	Q.KHUMALO	13.04.2017	
8	ADDITIONAL CABLE JOINTS ADDED	P.A.T.	Q.KHUMALO	T. DU PLESSIS	10.11.2015	
REV	REVISION DESCRIPTION	BY	CHKD	AUTH	DATE	REF. DWGS
AUTH:	R. KELLY	DATE:	18.06.2007	 <b>D-DT-2871</b>	SAP No: 0224349	
CHKD:	R. KELLY	DATE:	18.06.2007		SET	SHEET
DRAWN:	P.A. VERMAAK	DATE:	23.05.2007		71	70
						10

Unique Identifier:240-48887441

Revision 1

## SPEC SHEET

SAP MATERIAL No.:	0675620							
SHORT DESCRIPTION:	KIT CABLE JOINT:1C;44 KV;185- 500 KV							
<b>TECH. DESCRIPTION:</b> KIT, CABLE JOINT: CORE QUANTITY: 1C; VOLTAGE: 44 KV; CABLE SIZE: 185- 500 KV; TYPE: TRANSITION; INSULATION MATERIAL: PILC-XLPE; CONDUCTOR TYPE: CU-AL; SPECIFICATION: D-DT-0881, D-DT-2870, D-DT-2871 AND D-DT-8070; TRANSITION JOINT KIT FOR: 44KV PAPER-INSULATED 1 CORE 185 MM SQ CABLE TO 1 CORE 500 MM SQ AL XLPE 44KV CABLE; 1 CORE PILC CABLE DETAILS : 185MM SQUARE STRANDED COPPER CONDUCTOR; PAPER INSULATED; CORE LEAD SHEATHS; GALVANISED STEEL TAPE ARMoured; BITUMEN IMPREGNATED HESSIAN / PVC OUTER SHEATH; SEE DRAWING D-DT-0881 (SHEET 20: SAP NUMBER: 0171402); 1 CORE XLPE CABLE DETAILS : 44KV 1C; CONDUCTOR: AL; CONDUCTOR SIZE: 500 MM2; CONDUCTOR INSULATION: XLPE; COVERING: CORRUGATED SEAMLESS ALUMINIUM SHEATH; RATING: 25/44 KVAC; 1 CORE STRANDED ALUMINIUM CONDUCTOR; POLYETHELENE OUTER SHEATH WITH GRAPHITE COATING; REFERENCE NO: HXA1WAQ; ESKOM DRAWING NO. D-DT-8070, SAP NUMBER: 0186924; CONSISTS OF :3 OFF HEAT /COLD SHRINK 1-CORE JOINT KITS; B.I.L. = 250KV; SHORT TIME CURRENT (EARTH) = 20KA (1 SEC); FIBREGLASS OUTER BOX; BLACK SEALANT TAPE (OR EQUIV.) FOR SEALING CABLE ENTRIES TO BOX; BREAK-OUT BOOT (OR EQUIV.) FOR SEALING 3-CORE HSL CABLE; BREAK-OUT BOOT (OR EQUIV.) FOR SEALING 3 X 1-CORE PILC CABLE ENTRIES INTO FIBRE GLASS OUTER BOX; EARTHING KIT FOR 3-CORE HSL CABLE ARMOUR TO EACH CORE LEAD SHEATH; 1 ROLL OF CLING WRAP OR EQUIVALENT ALTERNATIVE FOR COVERING OUTER SHEATH TO KEEP PARKED COMPONENTS CLEAN; ALL NON-CONSUMABLE MATERIAL REQUIRED TO COMPLETE JOINT (EXCLUDING COMPOUND), BILL OF MATERIALS, FULLY DIMENSIONED ASSEMBLY DRAWINGS AND INSTALLATION INSTRUCTION; BITUMEN COMPOUND TO BE EXCLUDED; TORQUE SHEAR FERRULES TO BE INCLUDED; SHELF LIFE : ITEMS WITH MORE THAN 1/3 OF LIFESPAN WILL NOT BE ACCEPTED; CABLE ACCESSORIES TO BE INDIVIDUALLY PACKED IN WOODEN/EQUIV CRATE SUITABLE FOR STORAGE OVER LONG PERIODS; ESKOM SAP NUMBER TO BE STENCILLED ONTO CRATE; CRATE TO BE CLEARLY MARKED WITH DURABLE LABEL INDICATING THE CONTENTS OF THE CRATE (PARTS LIST); ALL INDIVIDUAL COMPONENTS TO BE MARKED WITH A PART NUMBER AS REFERENCED IN BILL OF MATERIALS (BOM) AND PARTS LIST; LOOSE COMPONENTS OR COMPONENTS SUBJECT TO DAMAGE FROM EXPOSURE TO DUST OR WATER TO BE PACKED WITHIN HERMETICALLY SEALED PLASTIC BAGS; DUPLICATE COPY OF INSTALLATION INSTRUCTION AND BOM TO BE INCLUDED WITH DELIVERY NOTE; ESKOM DRAWING No. D-DT-2871 *								
10	SAP 0637243, 0637244, 0637245, 06372461C 88+132kV 3 PIECE CABLE JOINT KITS ADDED AND 0606818 CORRECTED SAP NUMBER 0675620 ADDED.		P.A.T.	Q.KHUMALO	Q.KHUMALO	28.07.2020		
9	SAP 0606817 CORRECTED FROM AL TO CU		P.A.T.	Q.KHUMALO	Q.KHUMALO	13.04.2017		
8	ADDITIONAL CABLE JOINTS ADDED		P.A.T.	Q.KHUMALO	T. DU PLESSIS	10.11.2015		
REV	REVISION DESCRIPTION		BY	CHKD	AUTH	DATE		
AUTH:	R. KELLY	DATE:	18.06.2007	 <b>D-DT-2871</b>		SAP No:		
CHKD:	R. KELLY	DATE:	18.06.2007			0675620		
DRAWN:	P.A. VERMAAK	DATE:	23.05.2007			SET	SHEET	REV
						71	71	10

Unique Identifier:240-48887441

Revision 1