

NOTE: DRAWING NOT FOR MANUFACTURING PURPOSES

CODE	DIA "A" (mm)	DIA "B" (mm)	ANGLE OF OFFSET	90°C RATED CURRENT (A)	RATED VOLTAGE (kV)	SAP NUMBER
ETC-A	23.5	26.5	0 DEG	650	300	0401758
ETC-B	23.5	38.3	0 DEG	650	300	0401760
ETC-C	26.5	26.5	0 DEG	900	300	0401754
ETC-D	26.5	38.3	0 DEG	900	300	0401770
ETC-E	28.6	26.5	0 DEG	900	300	0005654
ETC-F	28.6	38.3	0 DEG	900	300	0401763
ETC-G	35.6	26.5	0 DEG	900	300	0005656
ETC-H	35.6	38.3	0 DEG	1,100	420	0401765
ETC-J	38.3	26.5	0 DEG	900	300	0401768
ETC-K	38.3	38.3	0 DEG	1,350	420	0401756
ETC-L	18.1	26.5	0 DEG	450	145	0401790
ETC-M	18.1	18.1	0 DEG	450	145	0401574
ETC-N	26.5	18.1	0 DEG	450	145	0401576
ETC-P	38.3	18.1	0 DEG	450	145	0005167
ETC-Q	38.3	16.0	0 DEG	450	145	0165527
ETC-V	38.3	38.3	45 DEG	1350	420	0686341

ITEM		:-		BOLTED TEE-COMPRESSION CLAMP			
MATERIAL SPECIFICATION		:-		AL ALLOY LESS THAN 0.1% CU (240-53113927)			
CORROSION SPECIFICATION		:-		240-53113927			
STANDARD SPECIFICATION		:-		240-53113927			
ESKOM SPECIFICATION		:-		240-53113927			
TEST & CERTIFICATION REQUIREMENTS		:-		240-53113927			
INSPECTION		Yes	No	ESKOM RELEASE NOTE		Yes	No
IDENTIFICATION:- INDELIBLE MANUFACTURERS TRADEMARK & PART No. ON ALL ITEMS							
11	CLAMP DESCRIPTIONS, MATERIAL AND ALL SPECIFICATION REFERENCES ALIGNED WITH SAP, ITEM ETC-V ADDED			Justice Shinta	Rukesh Ramnarain	Theunus Marais	05.02.2021
10	VARIOUS SAP NUMBERS,SPECS.& TECH,DESCRIPTIONS CHANGED ACCORDING TO PILOG, AND ETC-E, F, G, H, L, M, N, P ADDED			D.R.	J. BLAAUW	T. MARAIS	18.03.2014
9	DRAWING SHOWN SAME AS SPECIFICATION DSP_34-1974			P.A.T.	T.NKAMBULE	V.SINGH	11.04.2011
REV	REVISION DESCRIPTION			BY	CHKD	AUTH	DATE
AUTH:	PHIL CROWDY	DATE:	12/96	SCALE NTS		SAP No:	
CHKD:	C.B. CLARK	DATE:	12/96	CAD REF:			
				SERIES 6000			
DRAWN:	J.F.SCHOLTZ	DATE:	10/96	FILE No:		SET	SHEET
				6010		5	1
				D-DT-6010		11	

SPEC SHEET

TECH. DESCRIPTION:
CLAMP: ETC-A; TYPE: T/COMP; CONDUCTOR SIZE: 23.5 MM; TAP CONDUCTOR SIZE: 26.5 MM; CLAMPING RANGE: 0 DEG CLAMP CURRENT RATING: 650 A; MAXIMUM OPERATING POTENTIAL: 300 KV; NOTE: OPEN END OF THE FERRULE OF EACH CLAMP SHALL BE PROPERLY SEALED/PLUGGED BY MEANS OF A MALE PVC PLUG TO PREVENT FOREIGN MATERIAL CONTAMINATION;
ESKOM DRAWING No. D-DT-6010

TECH. DESCRIPTION:	
CLAMP: ETC-B; TYPE: T/COMP; CONDUCTOR SIZE: 23.5 MM; TAP CONDUCTOR SIZE: 38.3 MM; CLAMPING RANGE: 0 DEG CLAMP CURRENT RATING: 650 A; MAXIMUM OPERATING POTENTIAL: 300 KV; NOTE: OPEN END OF THE FERRULE OF EACH CLAMP SHALL BE PROPERLY SEALED/PLUGGED BY MEANS OF A MALE PVC PLUG TO PREVENT FOREIGN MATERIAL CONTAMINATION;	
ESKOM DRAWING No. D-DT-6010	

TECH. DESCRIPTION:
CLAMP: ETC-C; TYPE: T/COMP; CONDUCTOR SIZE: 26.5 MM; TAP CONDUCTOR SIZE: 26.5 MM; CLAMPING RANGE: 0 DEG CLAMP CURRENT RATING: 900 A; MAXIMUM OPERATING POTENTIAL: 300 KV; NOTE: OPEN END OF THE FURRULE OF EACH CLAMP SHALL BE PROPERLY SEALED/PLUGGED BY MEANS OF A MALE PVC PLUG TO PREVENT FOREIGN MATERIAL CONTAMINATION;
ESKOM DRAWING No. D-DT-6010

TECH. DESCRIPTION:

CLAMP: ETC-D; TYPE: T/COMP;

CONDUCTOR SIZE: 26.5 MM; TAP CONDUCTOR SIZE: 38.3 MM; CLAMPING RANGE: 0 DEG


CLAMP CURRENT RATING: 900 A; MAXIMUM OPERATING POTENTIAL: 300 KV;

NOTE: OPEN END OF THE FURRULE OF EACH CLAMP SHALL BE PROPERLY SEALED/PLUGGED BY MEANS OF A MALE PVC PLUG TO PREVENT FOREIGN MATERIAL CONTAMINATION;

ESKOM DRAWING No. D-DT-6010


11	CLAMP DESCRIPTIONS, MATERIAL AND ALL SPECIFICATION REFERENCES ALIGNED WITH SAP, ITEM ETC-V ADDED				Justice Shinta	Rukesh Ramnarain	Theunus Marais	05.02.2021	
10	VARIOUS SAP NUMBERS, SPECS & TECH, DESCRIPTIONS CHANGED ACCORDING TO PILOG, AND ETC-E, F, G, H, L, M, N, P ADDED				D.R.	J. BLAAUW	T. MARAIS	18.03.2014	
9	DRAWING SHOWN SAME AS SPECIFICATION DSP_34-1974				P.A.T.	T.NKAMBULE	V.SINGH	11.04.2011	
REV	REVISION DESCRIPTION				BY	CHKD	AUTH	DATE	REF. DRAWINGS
AUTH:		PHIL CROWDY	DATE:	12/96	SCALE		SAP No:		
					NTS				
CHKD:		C.B. CLARK	DATE:	12/96	CAD REF:		0401758		0401754
					SERIES 6000		0401760		0401770
DRAWN:		J.F.SCHOLTZ	DATE:	10/96	FILE No:				
					6010				
D-DT-6010							SET	SHEET	REV
							5	2	11

SPEC SHEET


SAP MATERIAL No.:	0005654							
SHORT DESCRIPTION:	CLAMP:ETC-E;T/COMP; 28.6 MM; 26.5 MM							
TECH. DESCRIPTION:								
CLAMP: ETC-E; TYPE: T/COMP; CONDUCTOR SIZE: 28.6 MM; TAP CONDUCTOR SIZE: 26.5 MM; CLAMPING RANGE: 0 DEG CLAMP CURRENT RATING: 900 A; MAXIMUM OPERATING POTENTIAL: 300 KV; NOTE: OPEN END OF THE FURRULE OF EACH CLAMP SHALL BE PROPERLY SEALED/PLUGGED BY MEANS OF A MALE PVC PLUG TO PREVENT FOREIGN MATERIAL CONTAMINATION;								
ESKOM DRAWING No. D-DT-6010								
SAP MATERIAL No.:	0401763							
SHORT DESCRIPTION:	CLAMP:ETC-F;T/COMP; 28.6 MM; 38.3 MM							
TECH. DESCRIPTION:								
CLAMP: ETC-F; TYPE: T/COMP; CONDUCTOR SIZE: 28.6 MM; TAP CONDUCTOR SIZE: 38.3 MM; CLAMPING RANGE: 0 DEG CLAMP CURRENT RATING: 900 A; MAXIMUM OPERATING POTENTIAL: 300 KV; NOTE: OPEN END OF THE FURRULE OF EACH CLAMP SHALL BE PROPERLY SEALED/PLUGGED BY MEANS OF A MALE PVC PLUG TO PREVENT FOREIGN MATERIAL CONTAMINATION;								
ESKOM DRAWING No. D-DT-6010								
SAP MATERIAL No.:	0005656							
SHORT DESCRIPTION:	CLAMP:ETC-G;T/COMP; 35.6 MM; 26.5 MM							
TECH. DESCRIPTION:								
CLAMP: ETC-G; TYPE: T/COMP; CONDUCTOR SIZE: 35.6 MM; TAP CONDUCTOR SIZE: 26.5 MM; CLAMPING RANGE: 0 DEG CLAMP CURRENT RATING: 900 A; MAXIMUM OPERATING POTENTIAL: 300 KV; NOTE: OPEN END OF THE FURRULE OF EACH CLAMP SHALL BE PROPERLY SEALED/PLUGGED BY MEANS OF A MALE PVC PLUG TO PREVENT FOREIGN MATERIAL CONTAMINATION;								
ESKOM DRAWING No. D-DT-6010								
SAP MATERIAL No.:	0401765							
SHORT DESCRIPTION:	CLAMP:ETC-H;T/COMP; 35.6 MM; 38.3 MM							
TECH. DESCRIPTION:								
CLAMP: ETC-H; TYPE: T/COMP; CONDUCTOR SIZE: 35.6 MM; TAP CONDUCTOR SIZE: 38.3 MM; CLAMPING RANGE: 0 DEG CLAMP CURRENT RATING: 1100 A; MAXIMUM OPERATING POTENTIAL: 420 KV; NOTE: OPEN END OF THE FURRULE OF EACH CLAMP SHALL BE PROPERLY SEALED/PLUGGED BY MEANS OF A MALE PVC PLUG TO PREVENT FOREIGN MATERIAL CONTAMINATION;								
ESKOM DRAWING No. D-DT-6010								
11	CLAMP DESCRIPTIONS, MATERIAL AND ALL SPECIFICATION REFERENCES ALIGNED WITH SAP. ITEM ETC-V ADDED			Justice Shinta	Rukesh Ramnarain	Theunus Marais	05.02.2021	
10	VARIOUS SAP NUMBERS, SPECS. & TECH. DESCRIPTIONS CHANGED ACCORDING TO PILOG, AND ETC-E, F, G, H, L, M, N, P ADDED			D.R.	J. BLAAUW	T. MARAIS	18.03.2014	
9	DRAWING SHOWN SAME AS SPECIFICATION DSP_34-1974			P.A.T.	T.NKAMBULE	V.SINGH	11.04.2011	
REV	REVISION DESCRIPTION			BY	CHKD	AUTH	DATE	REF. DRAWINGS
AUTH:	PHIL CROWDY	DATE:	12/96	SCALE			SAP No:	
CHKD:	C.B. CLARK	DATE:	12/96	NTS			0005654	0005656
				CAD REF:			0401763	0401765
				SERIES 6000	D-DT-6010		SET	SHEET
				FILE No:			5	3
DRAWN:	J.F.SCHOLTZ	DATE:	10/96	6010				11

SPEC SHEET

SAP MATERIAL No.:		0401768					
SHORT DESCRIPTION:		CLAMP:ETC-J;T/COMP; 38.3 MM; 26.5 MM					
TECH. DESCRIPTION:							
CLAMP: ETC-J; TYPE: T/COMP; CONDUCTOR SIZE: 38.3 MM; TAP CONDUCTOR SIZE: 26.5 MM; CLAMPING RANGE: 0 DEG CLAMP CURRENT RATING: 900 A; MAXIMUM OPERATING POTENTIAL: 300 KV; NOTE: OPEN END OF THE FURRULE OF EACH CLAMP SHALL BE PROPERLY SEALED/PLUGGED BY MEANS OF A MALE PVC PLUG TO PREVENT FOREIGN MATERIAL CONTAMINATION;							
ESKOM DRAWING No. D-DT-6010							
SAP MATERIAL No.:		0401756					
SHORT DESCRIPTION:		CLAMP:ETC-K;T/COMP; 38.3 MM; 38.3 MM					
TECH. DESCRIPTION:							
CLAMP: ETC-K; TYPE: T/COMP; CONDUCTOR SIZE: 38.3 MM; TAP CONDUCTOR SIZE: 38.3 MM; CLAMPING RANGE: 0 DEG CLAMP CURRENT RATING: 1350 A; MAXIMUM OPERATING POTENTIAL: 420 KV; NOTE: OPEN END OF THE FURRULE OF EACH CLAMP SHALL BE PROPERLY SEALED/PLUGGED BY MEANS OF A MALE PVC PLUG TO PREVENT FOREIGN MATERIAL CONTAMINATION;							
ESKOM DRAWING No. D-DT-6010							
SAP MATERIAL No.:		0401790					
SHORT DESCRIPTION:		CLAMP:ETC-L;T/COMP; 18.1 MM; 26.5 MM					
TECH. DESCRIPTION:							
CLAMP: ETC-L; TYPE: T/COMP; CONDUCTOR SIZE: 18.1 MM; TAP CONDUCTOR SIZE: 26.5 MM; CLAMPING RANGE: 0 DEG CLAMP CURRENT RATING: 450 A; MAXIMUM OPERATING POTENTIAL: 145 KV; NOTE: OPEN END OF THE FURRULE OF EACH CLAMP SHALL BE PROPERLY SEALED/PLUGGED BY MEANS OF A MALE PVC PLUG TO PREVENT FOREIGN MATERIAL CONTAMINATION;							
ESKOM DRAWING No. D-DT-6010							
SAP MATERIAL No.:		0401574					
SHORT DESCRIPTION:		CLAMP:ETC-M;T/COMP; 18.1 MM; 18.1 MM					
TECH. DESCRIPTION:							
CLAMP: ETC-M; TYPE: T/COMP; CONDUCTOR SIZE: 18.1 MM; TAP CONDUCTOR SIZE: 18.1 MM; CLAMPING RANGE: 0 DEG CLAMP CURRENT RATING: 450 A; MAXIMUM OPERATING POTENTIAL: 145 KV; NOTE: OPEN END OF THE FURRULE OF EACH CLAMP SHALL BE PROPERLY SEALED/PLUGGED BY MEANS OF A MALE PVC PLUG TO PREVENT FOREIGN MATERIAL CONTAMINATION;							
ESKOM DRAWING No. D-DT-6010							

11	CLAMP DESCRIPTIONS, MATERIAL AND ALL SPECIFICATION REFERENCES ALIGNED WITH SAP. ITEM ETC-V ADDED		Justice Shinta	Rukesh Ramnarain	Theunus Marais	05.02.2021	
10	VARIOUS SAP NUMBERS, SPECS. & TECH, DESCRIPTIONS CHANGED ACCORDING TO PILOG, AND ETC-E, F, G, H, L, M, N, P ADDED		D.R.	J. BLAAUW	T. MARAIS	18.03.2014	
9	DRAWING SHOWN SAME AS SPECIFICATION DSP_34-1974		P.A.T.	T.NKAMBULE	V.SINGH	11.04.2011	
REV	REVISION DESCRIPTION		BY	CHKD	AUTH	DATE	REF. DRAWINGS
AUTH:	PHIL CROWDY	DATE:	12/96	 D-DT-6010		SAP No:	
CHKD:	C.B. CLARK	DATE:	12/96			0401768	0401790
						0401756	0401574
DRAWN:	J.F.SCHOLTZ	DATE:	10/96	SET	SHEET	REV	
				5	4	11	

SPEC SHEET

SAP MATERIAL No.:		0401576							
SHORT DESCRIPTION:		CLAMP:ETC-N;T/COMP; 26.5 MM; 18.1 MM							
TECH. DESCRIPTION:									
CLAMP: ETC-N; TYPE: T/COMP; CONDUCTOR SIZE: 26.5 MM; TAP CONDUCTOR SIZE: 18.1 MM; CLAMPING RANGE: 0 DEG CLAMP CURRENT RATING: 450 A; MAXIMUM OPERATING POTENTIAL: 145 KV; NOTE: OPEN END OF THE FURRULE OF EACH CLAMP SHALL BE PROPERLY SEALED/PLUGGED BY MEANS OF A MALE PVC PLUG TO PREVENT FOREIGN MATERIAL CONTAMINATION;									
ESKOM DRAWING No. D-DT-6010									
SAP MATERIAL No.:		0005167							
SHORT DESCRIPTION:		CLAMP:ETC-P;T/COMP; 38.3 MM; 18.1 MM							
TECH. DESCRIPTION:									
CLAMP: ETC-P; TYPE: T/COMP; CONDUCTOR SIZE: 38.3 MM; TAP CONDUCTOR SIZE: 18.1 MM; CLAMPING RANGE: 0 DEG CLAMP CURRENT RATING: 450 A; MAXIMUM OPERATING POTENTIAL: 145 KV; NOTE: OPEN END OF THE FURRULE OF EACH CLAMP SHALL BE PROPERLY SEALED/PLUGGED BY MEANS OF A MALE PVC PLUG TO PREVENT FOREIGN MATERIAL CONTAMINATION;									
ESKOM DRAWING No. D-DT-6010									
SAP MATERIAL No.:		0165527							
SHORT DESCRIPTION:		CLAMP:ETC-Q;T/COMP; 38.3 MM; 16 MM							
TECH. DESCRIPTION:									
CLAMP: ETC-Q; TYPE: T/COMP; CONDUCTOR SIZE: 38.3 MM; TAP CONDUCTOR SIZE: 16 MM; CLAMPING RANGE: 0 DEG CLAMP CURRENT RATING: 450 A; MAXIMUM OPERATING POTENTIAL: 145 KV; NOTE: OPEN END OF THE FURRULE OF EACH CLAMP SHALL BE PROPERLY SEALED/PLUGGED BY MEANS OF A MALE PVC PLUG TO PREVENT FOREIGN MATERIAL CONTAMINATION;									
ESKOM DRAWING No. D-DT-6010									
SAP MATERIAL No.:		0686341							
SHORT DESCRIPTION:		CLAMP:ETC-V;T/COMP;38.3 MM;38.3 MM							
TECH. DESCRIPTION:									
CLAMP: ETC-V; TYPE: T/COMP CONDUCTOR SIZE: 38.3 MM; TAP CONDUCTOR SIZE: 38.3 MM; CLAMPING RANGE: 45 DEG CLAMP CURRENT RATING: 1350 A; MAXIMUM OPERATING POTENTIAL: 420 KV; NOTE: OPEN END OF THE FERRULE OF EACH CLAMP SHALL BE PROPERLY SEALED/PLUGGED BY MEANS OF A MALE PVC PLUG TO PREVENT FOREIGN MATERIAL CONTAMINATION; ESKOM DRAWING No. D-DT-6010									
11	CLAMP DESCRIPTIONS, MATERIAL AND ALL SPECIFICATION REFERENCES ALIGNED WITH SAP, ITEM ETC-V ADDED				Justice Shinta	Rukesh Ramnarain	Theunus Marais	05.02.2021	
10	VARIOUS SAP NUMBERS,SPECS.& TECH,DESCRIPTIONS CHANGED ACCORDING TO PILOG, AND ETC-E, F, G, H, L, M, N, P ADDED				D.R.	J. BLAAUW	T. MARAIS	18.03.2014	
9	DRAWING SHOWN SAME AS SPECIFICATION DSP_34-1974				P.A.T.	T.NKAMB ULE	V.SINGH	11.04.2011	
REV	REVISION DESCRIPTION				BY	CHKD	AUTH	DATE	REF. DRAWINGS
AUTH:	PHIL CROWDY	DATE:	12/96	SCALE			SAP No:		
CHKD:	C.B. CLARK	DATE:	12/96	NTS			0401576 0005167	0165527 0686341	
				CAD REF:					
DRAWN:	J.F.SCHOLTZ	DATE:	10/96	SERIES 6000	D-DT-6010		SET	SHEET	REV
				FILE No: 6010			5	5	11