

SPEC SHEET

SAP MATERIAL No.:	0236100								
SHORT DESCRIPTION:	MTGIS F/T DB 66kV 2500A 31,5kA 31 D6053								
TECH. DESCRIPTION: MIXED TECHNOLOGY GAS INSULATED SWITCHGEAR (MTGIS) * OUTDOOR * FEEDER BAY OR TRANSFORMER BAY (F/T) * FOR DOUBLE BUSBAR (DB) APPLICATION * VOLTAGE : 66kV * CREEPAGE : 31mm/kV * RATED CURRENT : 2500 AMP * SHORT TIME CURRENT : 31,5kA * COMBINED UNIT WITH BREAKER, ISOLATORS, EARTHSWITCHES AND CURRENT TRANSFORMERS * ESKOM DRAWING No. D-DT-6053 *									
SAP MATERIAL No.:	0236101								
SHORT DESCRIPTION:	MTGIS F/T SB 66kV 2500A 31,5kA 31 D6053								
TECH. DESCRIPTION: MIXED TECHNOLOGY GAS INSULATED SWITCHGEAR (MTGIS) * OUTDOOR * FEEDER BAY OR TRANSFORMER BAY (F/T) * FOR SINGLE BUSBAR (SB) APPLICATION * VOLTAGE : 66kV * CREEPAGE : 31mm/kV * RATED CURRENT : 2500 AMP * SHORT TIME CURRENT : 31,5kA * COMBINED UNIT WITH BREAKER, ISOLATORS, EARTHSWITCHES AND CURRENT TRANSFORMERS * ESKOM DRAWING No. D-DT-6053 *									
SAP MATERIAL No.:	0236102								
SHORT DESCRIPTION:	MTGIS BC/BS 66kV 2500A 31,5kA 31 D6053								
TECH. DESCRIPTION: MIXED TECHNOLOGY GAS INSULATED SWITCHGEAR (MTGIS) * OUTDOOR * BUS COUPLER OR BUS SECTION (BC/BS) APPLICATION * VOLTAGE : 66kV * CREEPAGE : 31mm/kV * RATED CURRENT : 2500 AMP * SHORT TIME CURRENT : 31,5kA * COMBINED UNIT WITH BREAKER, ISOLATORS, EARTHSWITCHES AND CURRENT TRANSFORMERS * ESKOM DRAWING No. D-DT-6053 *									
ITEM	:- MIXED TECHNOLOGY GAS INSULATED SWITCHGEAR								
MATERIAL SPECIFICATION	:- N/A								
CORROSION SPECIFICATION	:- SANS 121 & ESKOM SPEC. SCSSCAAP9								
STANDARD SPECIFICATION	:- DSP34-378								
ESKOM SPECIFICATION	:- DSP34-378								
TEST & CERTIFICATION REQUIREMENTS :- DSP 34-378									
INSPECTION	Yes	No	ESKOM RELEASE NOTE			Yes	No		
IDENTIFICATION:- INDELIBLE MANUFACTURES TRADEMARK & PART No. ON ALL ITEMS									
2	SAP NUMBER 0712312, 0712300, 0712224, 0712277, 0712223, 0712225, 0712311 AND 0712299 ADDED.			J.S.	I. SIBEKO	I. SIBEKO	21.08.2023		
1	SAP 0215873 & 0215874 OBSOLETE, REPLACED WITH GAS INSULATED SWITCHGEAR			N.M.	V. BHIKHA	V. BHIKHA	24.2.2009		
RE V	REVISION DESCRIPTION			BY	CHKD	AUTH	DATE		
AUTH:	C.B. CLARK	DATE:	04/05/2005	SCALE NTS			SAP No:		
CHKD:	C.B. CLARK	DATE:	04/05/2005	CAD REF:			0236100		
				SERIES 6000			0236101		
DRAWN:	V. van ZWEEL	DATE:	25/02/2005	FILE No: 6053	D-DT-6053		SET	SHEET	REV
							5	1	2

SPEC SHEET

SAP MATERIAL No.:		0236103					
SHORT DESCRIPTION:		MTGIS F/T DB 88kV 2500A 40kA 31 D6053					
TECH. DESCRIPTION: MIXED TECHNOLOGY GAS INSULATED SWITCHGEAR (MTGIS) * OUTDOOR * FEEDER BAY OR TRANSFORMER BAY (F/T) * FOR DOUBLE BUSBAR (DB) APPLICATION * VOLTAGE : 88kV * CREEPAGE : 31mm/kV * RATED CURRENT : 2500 AMP * SHORT TIME CURRENT : 40kA * COMBINED UNIT WITH BREAKER, ISOLATORS, EARTHSWITCHES AND CURRENT TRANSFORMERS * ESKOM DRAWING No. D-DT-6053 *							
SAP MATERIAL No.:		0236104					
SHORT DESCRIPTION:		MTGIS F/T SB 88kV 2500A 40kA 31 D6053					
TECH. DESCRIPTION: MIXED TECHNOLOGY GAS INSULATED SWITCHGEAR (MTGIS) * OUTDOOR * FEEDER BAY OR TRANSFORMER BAY (F/T) * FOR SINGLE BUSBAR (SB) APPLICATION * VOLTAGE : 88kV * CREEPAGE : 31mm/kV * RATED CURRENT : 2500 AMP * SHORT TIME CURRENT : 40kA * COMBINED UNIT WITH BREAKER, ISOLATORS, EARTHSWITCHES AND CURRENT TRANSFORMERS * ESKOM DRAWING No. D-DT-6053 *							
SAP MATERIAL No.:		0236105					
SHORT DESCRIPTION:		MTGIS BC/BS 88kV 2500A 40kA 31 D6053					
TECH. DESCRIPTION: MIXED TECHNOLOGY GAS INSULATED SWITCHGEAR (MTGIS) * OUTDOOR * BUS COUPLER OR BUS SECTION (BC/BS)APPLICATION * VOLTAGE : 88kV * CREEPAGE : 31mm/kV * RATED CURRENT : 2500 AMP * SHORT TIME CURRENT : 40kA * COMBINED UNIT WITH BREAKER, ISOLATORS, EARTHSWITCHES AND CURRENT TRANSFORMERS * ESKOM DRAWING No. D-DT-6053 *							

2	SAP NUMBER 0712312, 0712300, 0712224, 0712277, 0712223, 0712225, 0712311 AND 0712299 ADDED.			J.S.	I. SIBEKO	I. SIBEKO	21.08.2023		
1	SAP 0215873 & 0215874 OBSOLETE, REPLACED WITH GAS INSULATED SWITCHGEAR			N.M.	V. BHIKHA	V. BHIKHA	24.2.2009		
REV	REVISION DESCRIPTION			BY	CHKD	AUTH	DATE	REF. DRAWINGS	
AUTH:	C.B. CLARK	DATE:	04/05/2005	SCALE			SAP No:		
				NTS			0236103		
CHKD:	C.B. CLARK	DATE:	04/05/2005	CAD REF:	D-DT-6053		0236104		
				SERIES 6000			0236105		
				FILE No:			SET	SHEET	
DRAWN:	V. van ZWEEL	DATE:	25/02/2005	6053			5	2	2

SPEC SHEET

SAP MATERIAL No.:	0236106						
SHORT DESCRIPTION:	MTGIS F/T DB 132kV 2500A 40kA 31 D6053						
TECH. DESCRIPTION: MIXED TECHNOLOGY GAS INSULATED SWITCHGEAR (MTGIS) * OUTDOOR * FEEDER BAY OR TRANSFORMER BAY (F/T) * FOR DOUBLE BUSBAR (DB) APPLICATION * VOLTAGE : 132kV * CREEPAGE : 31mm/kV * RATED CURRENT : 2500 AMP * SHORT TIME CURRENT : 40kA * COMBINED UNIT WITH BREAKER, ISOLATORS, EARTHSWITCHES AND CURRENT TRANSFORMERS * ESKOM DRAWING No. D-DT-6053 *							
SAP MATERIAL No.:	0236107						
SHORT DESCRIPTION:	MTGIS F/T SB 132kV 2500A 40kA 31 D6053						
TECH. DESCRIPTION: MIXED TECHNOLOGY GAS INSULATED SWITCHGEAR (MTGIS) * OUTDOOR * FEEDER BAY OR TRANSFORMER BAY (F/T) * FOR SINGLE BUSBAR (SB) APPLICATION * VOLTAGE : 132kV * CREEPAGE : 31mm/kV * RATED CURRENT : 2500 AMP * SHORT TIME CURRENT : 40kA * COMBINED UNIT WITH BREAKER, ISOLATORS, EARTHSWITCHES AND CURRENT TRANSFORMERS * ESKOM DRAWING No. D-DT-6053 *							
SAP MATERIAL No.:	0236108						
SHORT DESCRIPTION:	MTGIS BC/BS 132kV 2500A 40kA 31 D6053						
TECH. DESCRIPTION: MIXED TECHNOLOGY GAS INSULATED SWITCHGEAR (MTGIS) * OUTDOOR * BUS COUPLER OR BUS SECTION (BC/BS) APPLICATION * VOLTAGE : 132kV * CREEPAGE : 31mm/kV * RATED CURRENT : 2500 AMP * SHORT TIME CURRENT : 40kA * COMBINED UNIT WITH BREAKER, ISOLATORS, EARTHSWITCHES AND CURRENT TRANSFORMERS * ESKOM DRAWING No. D-DT-6053 *							

2	SAP NUMBER 0712312, 0712300, 0712224, 0712277, 0712223, 0712225, 0712311 AND 0712299 ADDED.	J.S.	I. SIBEKO	I. SIBEKO	21.08.2023	
1	SAP 0215873 & 0215874 OBSOLETE, REPLACED WITH GAS INSULATED SWITCHGEAR	N.M.	V. BHIKHA	V. BHIKHA	24.2.2009	
REV	REVISION DESCRIPTION	BY	CHKD	AUTH	DATE	REF. DRAWINGS

AUTH:	C.B. CLARK	DATE:	04/05/2005	SCALE	 D-DT-6053	SAP No:		
				NTS		0236106		
CHKD:	C.B. CLARK	DATE:	04/05/2005	CAD REF:		0236107		
				SERIES 6000		0236108		
DRAWN:	V. van ZWEEL	DATE:	25/02/2005	FILE No:		SET	SHEET	REV
				6053		5	3	2

SPEC SHEET

SAP MATERIAL No.:		0712312						
SHORT DESCRIPTION:		BKR:MTS TDB,132 KV,2500 A,40 KA,3,110,31						
TECH. DESCRIPTION: BREAKER, CIRCUIT: SWITCHGEAR DESIGN: MTS TDB; POTENTIAL: 132 KV; CURRENT: 2500 A; SHORT TIME CURRENT: 40 KA; POLE: 3; CONTROL VOLTAGE: 110 V DC; CREEPAGE: 31 MM/KV AC; BASIC INSULATION LEVEL: 650 KV; INSULATION MATERIAL: COMPOSITE; OPERATING CONTROL TYPE: SPRING STORED ENERGY OPERATION; POLLUTION CLASS: VERY HEAVY; APPLICATION: TRANSFROMER DOUBLE BUSBAR; SPECIFICATION: 240-56030436; MIXED TECHNOLOGY SWITCHGEAR HYBRID DEAD TANK COMPACT DESIGN ESKOM DRAWING No. D-DT-6053 *								
SAP MATERIAL No.:		0712300						
SHORT DESCRIPTION:		BKR:MTS FSB,132 KV,2500 A,40 KA,3,110,31						
TECH. DESCRIPTION: BREAKER, CIRCUIT: SWITCHGEAR DESIGN: MTS FSB; POTENTIAL: 132 KV; CURRENT: 2500 A; SHORT TIME CURRENT: 40 KA; POLE: 3; CONTROL VOLTAGE: 110 V DC; CREEPAGE: 31 MM/KV AC; BASIC INSULATION LEVEL: 650 KV; INSULATION MATERIAL: COMPOSITE; OPERATING CONTROL TYPE: SPRING STORED ENERGY OPERATION; POLLUTION CLASS: VERY HEAVY; APPLICATION: FEEDER SINGLE BUSBAR; SPECIFICATION: 240-56030436; MIXED TECHNOLOGY SWITCHGEAR HYBRID DEAD TANK COMPACT DESIGN ESKOM DRAWING No. D-DT-6053 *								
SAP MATERIAL No.:		0712224						
SHORT DESCRIPTION:		BKR:MTS TDB,66 KV,2500 A,31.5 KA,3,110						
TECH. DESCRIPTION: BREAKER, CIRCUIT: SWITCHGEAR DESIGN: MTS TDB; POTENTIAL: 66 KV; CURRENT: 2500 A; SHORT TIME CURRENT: 31.5 KA; POLE: 3; CONTROL VOLTAGE: 110 V DC; CREEPAGE: 31 MM/KV AC; BASIC INSULATION LEVEL: 350 KV; INSULATION MATERIAL: COMPOSITE; OPERATING CONTROL TYPE: SPRING STORED ENERGY OPERATION; POLLUTION CLASS: VERY HEAVY; APPLICATION: TRANSFROMER DOUBLE BUSBAR; SPECIFICATION: 240-56030436; SPRING STORED ENERGY OPERATION HYBRID DEAD TANK COMPACT DESIGN ESKOM DRAWING No. D-DT-6053 *								
SAP MATERIAL No.:		0712277						
SHORT DESCRIPTION:		BKR:MTS FDB,66 KV,2500 A,31.5 KA,3,110						
TECH. DESCRIPTION: BREAKER, CIRCUIT: SWITCHGEAR DESIGN: MTS FDB; POTENTIAL: 66 KV; CURRENT: 2500 A; SHORT TIME CURRENT: 31.5 KA; POLE: 3; CONTROL VOLTAGE: 110 V DC; CREEPAGE: 31 MM/KV AC; BASIC INSULATION LEVEL: 350 KV; INSULATION MATERIAL: COMPOSITE; OPERATING CONTROL TYPE: SPRING STORED ENERGY OPERATION; POLLUTION CLASS: VERY HEAVY; APPLICATION: FEEDER DOUBLE BUSBAR; SPECIFICATION: 240-56030436; MIXED TECHNOLOGY SWITCHGEAR HYBRID DEAD TANK COMPACT DESIGN ESKOM DRAWING No. D-DT-6053 *								
2	SAP NUMBER 0712312, 0712300, 0712224, 0712277, 0712223, 0712225, 0712311 AND 0712299 ADDED.			J.S.	J.S.	I. SIBEKO	I. SIBEKO	
1	SAP 0215873 & 0215874 OBSOLETE, REPLACED WITH GAS INSULATED SWITCHGEAR			N.M.	V. BHIKHA	V. BHIKHA	24.2.2009	
REV	REVISION DESCRIPTION			BY	CHKD	AUTH	DATE	
AUTH:	C.B. CLARK	DATE:	04/05/2005			SAP No:		
CHKD:	C.B. CLARK	DATE:	04/05/2005			0712312		0712224
						0712300		0712277
DRAWN:	V. van ZWEEL	DATE:	25/02/2005	D-DT-6053		SET	SHEET	REV
						5	4	2

SPEC SHEET

SAP MATERIAL No.:		0712223								
SHORT DESCRIPTION:		BKR:MTS FSB,66 KV,2500 A,31.5 KA,3,110								
TECH. DESCRIPTION:										
BREAKER, CIRCUIT: SWITCHGEAR DESIGN: MTS FSB; POTENTIAL: 66 KV;										
CURRENT: 2500 A; SHORT TIME CURRENT: 31.5 KA; POLE: 3; CONTROL VOLTAGE: 110 V DC;										
CREEPAGE: 31 MM/KV AC; BASIC INSULATION LEVEL: 350 KV; INSULATION MATERIAL: COMPOSITE;										
OPERATING CONTROL TYPE: SPRING STORED ENERGY OPERATION;										
POLLUTION CLASS: VERY HEAVY; APPLICATION: FEEDER SINGLE BUSBAR;										
SPECIFICATION: 240-56030436;										
MIXED TECHNOLOGY SWITCHGEAR HYBRID DEAD TANK COMPACT DESIGN										
ESKOM DRAWING No. D-DT-6053 *										
SAP MATERIAL No.:		0712225								
SHORT DESCRIPTION:		BKR:MTS TSB,66 KV,2500 A,31.5 KA,3,110								
TECH. DESCRIPTION:										
BREAKER, CIRCUIT: SWITCHGEAR DESIGN: MTS TSB; POTENTIAL: 66 KV;										
CURRENT: 2500 A; SHORT TIME CURRENT: 31.5 KA; POLE: 3; CONTROL VOLTAGE: 110 V DC;										
CREEPAGE: 31 MM/KV AC; BASIC INSULATION LEVEL: 350 KV; INSULATION MATERIAL: COMPOSITE;										
OPERATING CONTROL TYPE: SPRING STORED ENERGY OPERATION;										
POLLUTION CLASS: VERY HEAVY; APPLICATION: TRANSFROMER SINGLE BUSBAR;										
SPECIFICATION: 240-56030436;										
SPRING STORED ENERGY OPERATION HYBRID DEAD TANK COMPACT DESIGN										
ESKOM DRAWING No. D-DT-6053 *										
SAP MATERIAL No.:		0712311								
SHORT DESCRIPTION:		BKR:MTS TSB,132 KV,2500 A,40 KA,3,110,31								
TECH. DESCRIPTION:										
BREAKER, CIRCUIT: SWITCHGEAR DESIGN: MTS TSB; POTENTIAL: 132 KV;										
CURRENT: 2500 A; SHORT TIME CURRENT: 40 KA; POLE: 3; CONTROL VOLTAGE: 110 V DC;										
CREEPAGE: 31 MM/KV AC; BASIC INSULATION LEVEL: 650 KV; INSULATION MATERIAL: COMPOSITE;										
OPERATING CONTROL TYPE: SPRING STORED ENERGY OPERATION;										
POLLUTION CLASS: VERY HEAVY; APPLICATION: TRANSFROMER SINGLE BUSBAR;										
SPECIFICATION: 240-56030436										
ESKOM DRAWING No. D-DT-6053 *										
SAP MATERIAL No.:		0712299								
SHORT DESCRIPTION:		BKR:MTS FDB,132 KV,2500 A,40 KA,3,110,31								
TECH. DESCRIPTION:										
BREAKER, CIRCUIT: SWITCHGEAR DESIGN: MTS FDB; POTENTIAL: 132 KV;										
CURRENT: 2500 A; SHORT TIME CURRENT: 40 KA; POLE: 3; CONTROL VOLTAGE: 110 V DC;										
CREEPAGE: 31 MM/KV AC; BASIC INSULATION LEVEL: 650 KV; INSULATION MATERIAL: COMPOSITE;										
OPERATING CONTROL TYPE: SPRING STORED ENERGY OPERATION;										
POLLUTION CLASS: VERY HEAVY; APPLICATION: FEEDER DOUBLE BUSBAR;										
SPECIFICATION: 240-56030436;										
MIXED TECHNOLOGY SWITCHGEAR HYBRID DEAD TANK COMPACT DESIGN										
ESKOM DRAWING No. D-DT-6053 *										
2	SAP NUMBER 0712312, 0712300, 0712224, 0712277, 0712223, 0712225, 0712311 AND 0712299 ADDED.			J.S.	J.S.	I. SIBEKO	I. SIBEKO			
1	SAP 0215873 & 0215874 OBSOLETE, REPLACED WITH GAS INSULATED SWITCHGEAR			N.M.	V. BHIKHA	V. BHIKHA	24.2.2009			
REV	REVISION DESCRIPTION			BY	CHKD	AUTH	DATE	REF. DRAWINGS		
AUTH:	C.B. CLARK	DATE:	04/05/2005	SCALE			SAP No:			
CHKD:	C.B. CLARK	DATE:	04/05/2005	CAD REF:			0712223		0712311	
				SERIES 6000			0712225		0712299	
DRAWN:	V. van ZWEEL	DATE:	25/02/2005	FILE No:	D-DT-6053		SET	SHEET	REV	
				6053			5	5	2	