


NOTE:

SEE ESKOM DRAWING No. D-DT-3086 FOR FUSE CARRIER DETAILS

ITEM	:- COMBINED CUT-OUT AND DROP-OUT SURGE ARRESTER UNIT BASE							
MATERIAL SPECIFICATION	:- 34-1962							
CORROSION SPECIFICATION	:- 34-1962							
STANDARD SPECIFICATION	:-							
ESKOM SPECIFICATION	:- 34-1962							
TEST & CERTIFICATION REQUIREMENTS	:- 34-1962							
INSPECTION	Yes	No	ESKOM RELEASE NOTE			Yes	No	
IDENTIFICATION:- INDELIBLE MANUFACTURES TRADEMARK & PART No. ON ALL ITEMS : 34-1962								
REV	REVISION DESCRIPTION		BY	CHKD	AUTH	DATE	REF. DWGS	
AUTH:	<i>[Signature]</i>	DATE: 6.07.09	SCALE			SAP No:		
CHKD:	<i>[Signature]</i>	DATE: 6.07.09	NTS					
DRAWN:	P.A. TRUBLET	DATE: 23.05.2009	CAD REF:					
			SERIES 3000	<b>D-DT-3158</b>		SET	SHEET	REV
			FILE No: 3158			4	1	0




# SPEC SHEET

SAP MATERIAL No.: 0242398  
 SHORT DESCRIPTION: COMBI UNIT BASE 22kV INLAND D3158

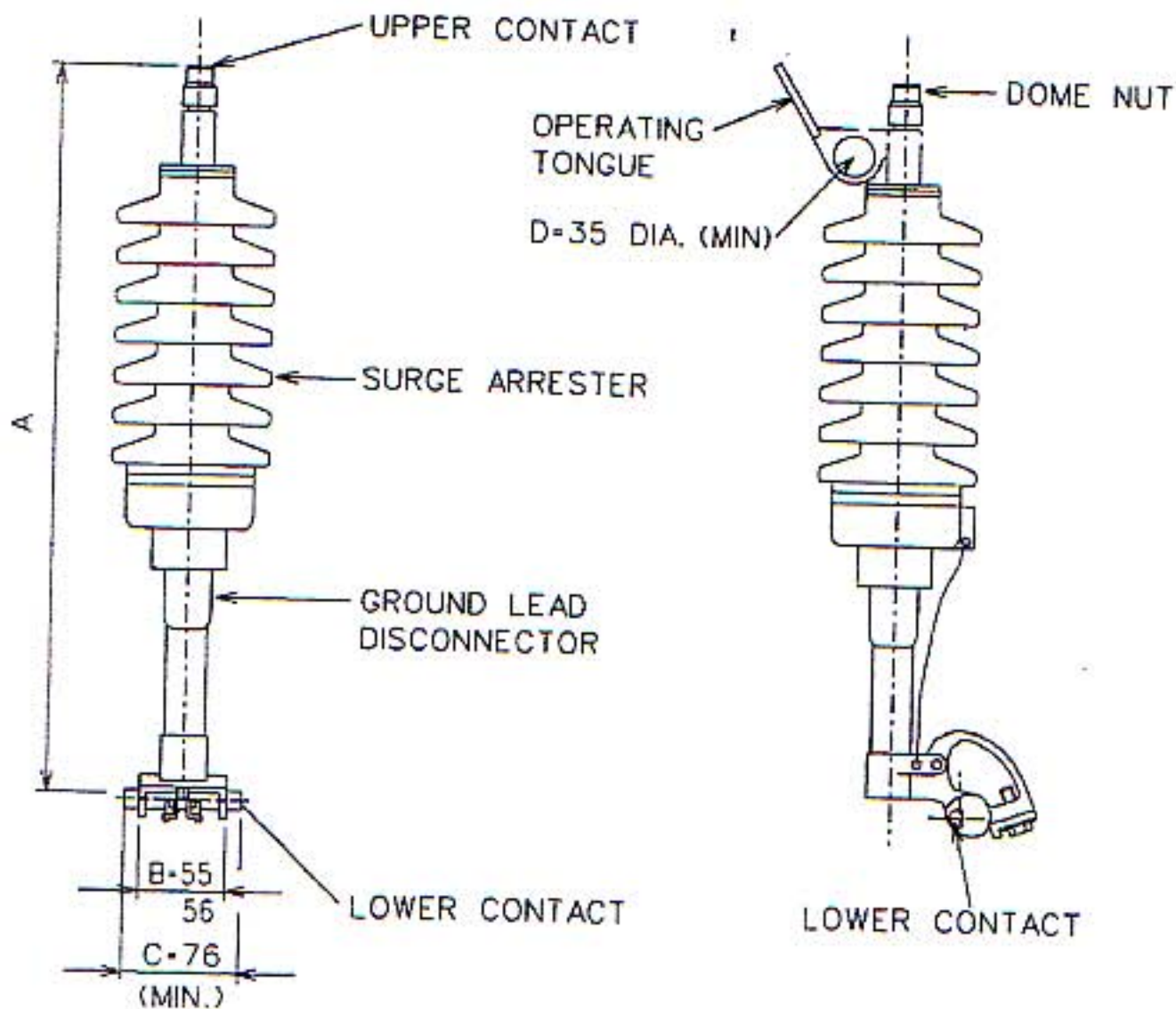
TECH. DESCRIPTION:  
 COMBINED CUT-OUT AND DROP-OUT SURGE ARRESTER UNIT BASE \*  
 FOR APPLICATION ON 11kV AND 22KV SYSTEMS IN LIGHT/MEDIUM  
 POLLUTION ENVIRONMENTS \*  
 POLE MOUNTED \* NOMINAL VOLTAGE : 22kV \*  
 RATED CONTINUOUS CURRENT : 100A \*  
 RATED SYMMETRICAL BREAKING CAPACITY : 4kA \*  
 RATED LOAD BREAKING CURRENT : 5A \*  
 CREEPAGE DISTANCE (MINIMUM) : 480mm \*  
 ESKOM DRAWING No. D-DT-3158 \*

SAP MATERIAL No.: 0242399  
 SHORT DESCRIPTION: COMBI UNIT BASE 22kV COASTAL D3158

TECH. DESCRIPTION:  
 COMBINED CUT-OUT AND DROP-OUT SURGE ARRESTER UNIT BASE \*  
 FOR APPLICATION ON 11kV AND 22KV SYSTEMS IN HEAVY / VERY HEAVY  
 POLLUTION ENVIRONMENTS \*  
 POLE MOUNTED \* NOMINAL VOLTAGE : 22kV \*  
 RATED CONTINUOUS CURRENT : 100A \*  
 RATED SYMMETRICAL BREAKING CAPACITY : 4kA \*  
 RATED LOAD BREAKING CURRENT : 5A \*  
 CREEPAGE DISTANCE (MINIMUM) : 740mm \*  
 ESKOM DRAWING No. D-DT-3158 \*

REV	REVISION DESCRIPTION	BY	CHKD	AUTH	DATE	REF. DWGS
AUTH:	<i>[Signature]</i>	DATE: 6-07-09	SCALE NTS	 <b>Eskom</b> Distribution	SAP No:	
CHKD:	<i>[Signature]</i>	DATE: 6-07-09	CAD REF: SERIES 3000		0242398	
DRAWN:	P.A. TRUBLET	DATE: 23.05.2009	FILE No: 3158		0242399	
			<b>D-DT-3158</b>	SET	SHEET	REV
				4	2	0





DIM mm	11kV & 22kV
A (MAX.)	401
A (MIN.)	399

SAP MATERIAL No.:	0242400
SHORT DESCRIPTION:	ARRESTER DROP-OUT 11kV INLAND D3158
TECH. DESCRIPTION:	
COMBI UNIT DROP-OUT SURGE ARRESTER *	
FOR APPLICATION ON NON-EFFECTIVELY EARTHED 11kV SYSTEMS	
IN LIGHT/MEDIUM POLLUTION ENVIRONMENTS * POLYMER HOUSED *	
DISTRIBUTION CLASS * GAPLESS METAL OXIDE SURGE ARRESTER *	
MINIMUM MCOV : 10kV * MAXIMUM RESIDUAL VOLTAGE : 40kV *	
DISCHARGE CURRENT : 10kA * IEC LINE DISCHARGE : CLASS 1 *	
CREEPAGE DISTANCE (MINIMUM) : 480mm *	
COMPLETE WITH GROUND LEAD DISCONNECTOR, UPPER AND LOWER CONTACTS *	
ESKOM DRAWING No. D-DT-3158 *	

REV	REVISION DESCRIPTION	BY	CHKD	AUTH	DATE	REF. DWGS		
AUTH:	<i>[Signature]</i>	DATE:	6.07.09	SCALE		SAP No:		
CHKD:	<i>[Signature]</i>	DATE:	6.07.09	NTS		0242400	0242402	
DRAWN:	P.A. TRUBLET	DATE:	23.05.2009	CAD REF:		0242401	0242403	
				SERIES 3000		SET	SHEET	REV
				FILE No:				
				3158	<b>D-DT-3158</b>	4	3	0



# SPEC SHEET

SAP MATERIAL No.:	0242401
SHORT DESCRIPTION:	ARRESTER DROP-OUT 11kV COASTAL D3158


**TECH. DESCRIPTION:**  
 COMBI UNIT DROP-OUT SURGE ARRESTER \*  
 FOR APPLICATION ON NON-EFFECTIVELY EARTHED 11kV SYSTEMS \*  
 IN HEAVY / VERY HEAVY POLLUTION ENVIRONMENTS \* POLYMER HOUSED \*  
 DISTRIBUTION CLASS \* GAPLESS METAL OXIDE SURGE ARRESTER \*  
 MINIMUM MCOV : 10kV \* MAXIMUM RESIDUAL VOLTAGE : 40kV \*  
 DISCHARGE CURRENT : 10kA \* IEC LINE DISCHARGE : CLASS 1 \*  
 CREEPAGE DISTANCE (MINIMUM) : 740mm \*  
 COMPLETE WITH GROUND LEAD DISCONNECTOR, UPPER AND LOWER CONTACTS \*  
 ESKOM DRAWING No. D-DT-3158 \*

SAP MATERIAL No.:	0242402
SHORT DESCRIPTION:	ARRESTER DROP-OUT 22kV INLAND D3158

**TECH. DESCRIPTION:**  
 DISTRIBUTION CLASS GAPLESS METAL OXIDE SURGE ARRESTER \*  
 FOR APPLICATION ON NON-EFFECTIVELY EARTHED 22kV SYSTEMS \*  
 IN LIGHT/MEDIUM POLLUTION ENVIRONMENTS \* POLYMER HOUSED \*  
 MINIMUM MCOV : 19.5kV \* MAXIMUM RESIDUAL VOLTAGE : 80kV \*  
 DISCHARGE CURRENT : 10kA \* IEC LINE DISCHARGE : CLASS 1 \*  
 CREEPAGE DISTANCE (MINIMUM) : 480mm \*  
 COMPLETE WITH GROUND LEAD DISCONNECTOR, UPPER AND LOWER CONTACTS \*  
 ESKOM DRAWING No. D-DT-3158 \*

SAP MATERIAL No.:	0242403
SHORT DESCRIPTION:	ARRESTER DROP-OUT 22kV COASTAL D3158

**TECH. DESCRIPTION:**  
 COMBI UNIT DROP-OUT SURGE ARRESTER \*  
 FOR APPLICATION ON NON-EFFECTIVELY EARTHED 22kV SYSTEMS \*  
 IN HEAVY / VERY HEAVY POLLUTION ENVIRONMENTS \* POLYMER HOUSED \*  
 DISTRIBUTION CLASS \* GAPLESS METAL OXIDE SURGE ARRESTER \*  
 MINIMUM MCOV : 19.5kV \* MAXIMUM RESIDUAL VOLTAGE : 80kV \*  
 DISCHARGE CURRENT : 10kA \* IEC LINE DISCHARGE : CLASS 1 \*  
 CREEPAGE DISTANCE (MINIMUM) : 740mm \*  
 COMPLETE WITH GROUND LEAD DISCONNECTOR, UPPER AND LOWER CONTACTS \*  
 ESKOM DRAWING No. D-DT-3158 \*

REV	REVISION DESCRIPTION			BY	CHKD	AUTH	DATE	REF. DWGS	
AUTH:	<i>[Signature]</i>	DATE:	6-07-09	SCALE	 <b>Eskom</b> Distribution		SAP No:		
CHKD:	<i>[Signature]</i>	DATE:	6-07-09	CAD REF:			0242400	0242402	
DRAWN:	P.A. TRUBLET	DATE:	23.05.2009	FILE No:			0242401	0242403	
				3158	<b>D-DT-3158</b>		SET	SHEET	REV
							4	4	0