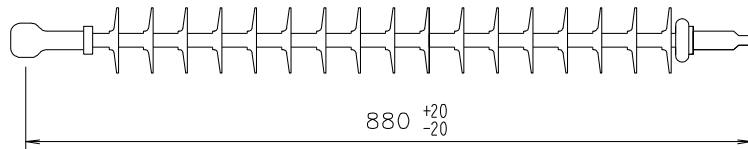



SOCKET IEC 60120-16

BALL IEC 60120-16



NOTE :  
NOT FOR MANUFACTURING PURPOSES.

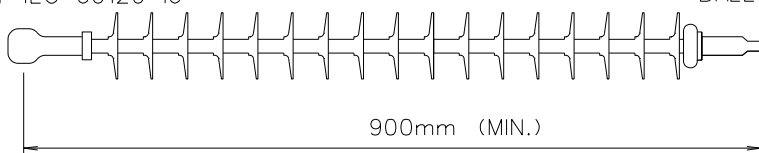
SAP MATERIAL No.:		0167608										
SHORT DESCRIPTION:		INSUL,L/ROD 66kV 120kN C/L=±880 20C D7029										
TECH. DESCRIPTION:												
INSULATOR LONG ROD *												
NOMINAL RATED VOLTAGE 66KV * IEC PF WET FLASHOVER 140kV *												
IEC BASIC INSULATION LEVEL 350kV *												
CREEPAGE DISTANCE 1440mm (20mm/kV) *												
(C/L=COUPLING LENGTH) = 880±20mm *												
MINIMUM FAILING LOAD 120kN *												
SUPPLIED WITH BALL AND SOCKET END FITTINGS TO IEC 60120												
DESIGNATION 16 * END FITTING MATERIAL : CAST OR FORGED												
MALLEABLE IRON GALVANISED OR HEAT TREATED ALUMINIUM ALLOY *												
ESKOM DRAWING No. D-DT-7029 *												
SAP MATERIAL No.:		0167609										
SHORT DESCRIPTION:		INSUL,L/ROD 66kV 120kN C/L=±880 31C D7029										
TECH. DESCRIPTION:												
INSULATOR LONG ROD *												
NOMINAL RATED VOLTAGE 66KV * IEC PF WET FLASHOVER 140kV *												
IEC BASIC INSULATION LEVEL 350kV *												
CREEPAGE DISTANCE 2232mm (31mm/kV) *												
(C/L=COUPLING LENGTH) = 880±20mm *												
MINIMUM FAILING LOAD 120kN *												
SUPPLIED WITH BALL AND SOCKET END FITTINGS TO IEC 60120												
DESIGNATION 16 * END FITTING MATERIAL : CAST OR FORGED												
MALLEABLE IRON GALVANISED OR HEAT TREATED ALUMINIUM ALLOY *												
ESKOM DRAWING No. D-DT-7029 *												
ITEM		:- INSULATOR LONG ROD 66kV AND 88kV COMPOSITE										
MATERIAL SPECIFICATION		:- BS 970; BS 1490 FOR END FITTINGS										
CORROSION SPECIFICATION		:- SANS 121 (END FITTINGS WHERE APPLICABLE)										
STANDARD SPECIFICATION		:- IEC 61109 AND IEC 60120 (END FITTINGS)										
ESKOM SPECIFICATION		:- 240-75883896										
TEST & CERTIFICATION REQUIREMENTS		:- DESIGN AND TYPE TEST'S AS PER: 240-75883896										
INSPECTION		Yes		No		ESKOM RELEASE NOTE		Yes		No		
IDENTIFICATION:- INDELIBLE MANUFACTURES TRADEMARK & PART No. ON ALL ITEMS												
9	ESKOM SPEC AND TEST SPECS CORRECTED				P.A.T.	J.BLAUW	G. STRELEC	28.03.2019				
8	0214964 AND 0214965 REPOSITIONED ON D-DT-2729 AND 88kV LONG ROD INSULATORS ADDED				P.A.T.	G.STRELEC		14.07.2014				
7	SHORT DESCRIPTIONS CHANGED FOR CLARITY PURPOSES				P.A.V.	G.STANFORD		26.03.07				
REV	REVISION DESCRIPTION				BY	CHKD	AUTH	DATE		REF. DRAWINGS		
AUTH:	P. CROWDY	DATE:	07.03.1998	SCALE	NTS	 <b>D-DT-7029</b>			SAP No:			
CHKD:	D. PILLAY	DATE:	07.03.1998	CAD REF:	SERIES 7000				0167608			
DRAWN:	GC AND P.A. VERMAAK	DATE:	08.11.1997 06.03.1998	FILE No:	7029				0167609			
									SET	SHEET	REV	
									2	1	9	

Unique Identifier:240-48887441

Revision 1

SOCKET IEC 60120-16

BALL IEC 60120-16



NOTE :  
NOT FOR MANUFACTURING PURPOSES.

SAP MATERIAL No.:		0588165							
SHORT DESCRIPTION:		INSUL:L/ROD 88KV 120KN 20C;I/LG 900 MM							
TECH. DESCRIPTION:									
INSULATOR: TYPE: L/ROD 88KV 120KN 20C; POTENTIAL: 88 KV; DIMENSIONS: I/LG 900 MM; MATERIAL: MI CAST OR FORGED GALV OR HEAT TREATED AL ALLOY NOMINAL RATED VOLTAGE: 88KV; IEC PF WET FLASHOVER: 185KV; EIC BASIC INSULATION LEVEL; 450KV; CREEPAGE DISTANCE: 1440MM (20MM/KV); MINIMUM DISTANCE BETWEEN END FITTINGS (I/LG = INSULATING LENGTH) = 900MM; (C/L = COUPLING LENGTH = 1170MM +- 20MM; MINIMUM FAILING LOAD 120KN; SUPPLIED WITH BAL AND SOCKET END FITTINGSTO IEC 60120 DESIGNATION16; END FITTING MATERIAL; CAST OR FORGED MALLEABLE IRON GALVANISED OR HEAT TREATED ALUMINIUM ALLOY; ESKOM DRAWING No. D-DT-7029 *									
SAP MATERIAL No.:		0588166							
SHORT DESCRIPTION:		INSUL:L/ROD 88KV 120KN 31C;I/LG 900 MM							
TECH. DESCRIPTION:									
INSULATOR: TYPE: L/ROD 88KV 120KN 31C; POTENTIAL: 88 KV; DIMENSIONS: LG 900 MM; MATERIAL: MI CAST OR FORGED GALV OR HEAT TREATED AL ALLOY NOMINAL RATED VOLTAGE: 88KV; IEC PF WET FLASHOVER: 185KV; EIC BASIC INSULATION LEVEL; 450KV; CREEPAGE DISTANCE: 2232MM (31MM/KV); MINIMUM DISTANCE BETWEEN END FITTINGS (I/L = INSULATING LENGTH) = 900MM; (C/L = COUPLING LENGTH = 1170MM +- 20MM; MINIMUM FAILING LOAD 120KN; SUPPLIED WITH BAL AND SOCKET END FITTINGSTO IEC 60120 DESIGNATION16; END FITTING MATERIAL; CAST OR FORGED MALLEABLE IRON GALVANISED OR HEAT TREATED ALUMINIUM ALLOY; ESKOM DRAWING No. D-DT-7029 *									
9	ESKOM SPEC AND TEST SPECS CORRECTED			P.A.T.	J.BLAUW	G. STRELEC	28.03.2019		
8	0214964 AND 0214965 REPOSITIONED ON D-DT-2729 AND 88kV LONG ROD INSULATORS ADDED			P.A.T.	G.STRELEC		14.07.2014		
7	SHORT DESCRIPTIONS CHANGED FOR CLARITY PURPOSES			P.A.V.	G.STANFORD		26.03.07		
REV	REVISION DESCRIPTION			BY	CHKD	AUTH	DATE	REF. DRAWINGS	
AUTH:	P. CROWDY	DATE:	07.03.1998	 <b>D-DT-7029</b>		SAP No:			
CHKD:	D. PILLAY	DATE:	07.03.1998			0588165			
						0588166			
DRAWN:	GC AND P.A. VERMAAK	DATE:	08.11.1997 06.03.1998			SET	SHEET	REV	
						2	2	9	

Unique Identifier:240-48887441

Revision 1