



TECHNICAL PARTICULARS

Type of shell : Standard
 Type of hardware : IEC 24 mm
 Leakage distance Min : 16 3/4"/425 mm
 Combined M&E Strength : 66,000 lb/294 kN
 Tension proof test : 33,000 lb/147 kN
 Mechanical impact strength : Min 100 in-lb

MECHANICAL LOAD CYCLE TEST

Initial load lb : 26,400/117 kN
 Load increase per day lb: 4,400/20 kN
 Final load lb : 44,000/196 kN

ELECTRICAL VALUES

Low-freq dry flashover : 90 kV
 Low-freq wet flashover : 55 kV

Critical impulse flashover Positive : 140 kV
 Critical impulse flashover Negative : 145 kV
 Low-freq puncture Min : 125 kV
 RIV low-freq Test voltage : 33000lb
 RMS to ground : 10 kV
 Maximum RIV at 1 MHz : 50 μV
 Colour of glaze : Grey

DRAWING REFERENCE : 4 980 10 01100 (LATEST)

ITEM No.	DESCRIPTION	MATERIAL	QTY
7	BALL PIN	FORGED STEEL	1
6	ZINC SLEEVE	ZINC	1
5	SHELL	PORCELAIN	1
4	BINDING MATERIAL	PORTLAND CEMENT	-
3	CUSHION	CORK/SYN. FOAM	1
2	STANDARD SPLIT PIN	STAINLESS STEEL	1
1	SOCKET CAP	M C IRON/S G IRON	1

IEC-U 300 B E&M STRENGTH: 66,000 lb/294 kN		ITEM	
DISC PORCELAIN SUSPENSION INSULATOR	UNIT	WEIGHT	SCALE
	INCH/MM	13.5 kg	NTS
ASSEMBLY DRAWING	PSN COMPONENTS LLC		
psncomp@aol.com			