



NOTES

1. DIVERTERS COMPLY WITH AS 1307.
2. MOUNTING BRACKETS ARE GENERALLY AS SHOWN C/W MOUNTING HOLES - SIZE & CENTERS AS SHOWN. SUITABLE FOR MOUNTING ON STEEL CROSSARM R.S.C.
3. SURGE DIVERTER INFORMATION EXTRACTED FROM ORIGINAL AND MANUFACTURERS CATALOGUE.
4. BEING SUPERSEDED, THESE ITEMS HAVE DELETED/ARCHIVED STOCK CODE NUMBERS

TABLE 1

ITEM	DIVERTER TYPE	DIMENSIONS A	DIMENSIONS B	TOTAL No OF SHEDS
1	11 kV	225	65	6
1	22 kV	475	124	18
2	11 kV	350	125	4
2	22 kV	535	170	8

TABLE 2 - ELECTRICAL SPECIFICATIONS FOR ITEM 2

DIVERTER TYPE	RATED VOLTAGE kV R.M.S.	MIN POWER FREQUENCY kV R.M.S.	SPARK OVER VOLTAGE FOR IMPULSE WITH		MAX DISCHARGE VOLT WITH 8/20 μ s CURRENT WAVE			NOMINAL DISCHARGE CURRENT
			1.2/50 WAVE FORM MAX KV CREST	FRONT OF WAVE MAX KV CREST	MAX KV CREST			
					AT 2.5kA	AT 5 kA	AT 10 kA	
11kV	10.5	16	38	44	32	36	40	5 kA
22kV	21	33	76	88	64	69	78	5 kA

TABLE 3 - ELECTRICAL SPECIFICATIONS FOR ITEM 1

DIVERTER TYPE	RATED VOLTAGE kV R.M.S.	AVE 50 HZ kV R.M.S.	SPARK OVER VOLTAGE FOR IMPULSE WITH		MAX DISCHARGE VOLT WITH 8/20 μ s CURRENT WAVE		
			1.2/50 WAVE FORM kV	FRONT OF WAVE kV	MAX KV CREST		
					AT 2.5kA	AT 5 kA	AT 10 kA
11kV	10.5	17.5	38	44	31	35	38
22kV	21	37	72	80	56	69	76

1	THIS DRAWING IS SUPERSEDED BY S01-01-04-19	A.S.	19.4.06	C.C.	C.C.
NO	DESCRIPTION	DRN	DATE	CKD	APPD
AMENDMENTS					



DES	F.NUNN	POWER STANDARD DRAWING		
DRN	J.A.L.	LINE HARDWARE		
CKD	S.C.M.	SURGE DIVERTER-GLAZED PORCELAIN		
APPD	P.J.D.	HIGH VOLTAGE		
SCALE	N.T.S.	A3	DRAWING NUMBER	S01-01-04-32
ISSUED	APR'95			
ALL DIM. IN mm		DRAWING NUMBER		S01-01-04-32
DRAFTING STANDARD TO A.S.1100		CAD PRODUCT - DO NOT AMEND MANUALLY		AMDT