



LIGHTNING IMPULSE WITHSTAND VOLTAGE	1470 kV	
POWER-FREQUENCY WITHSTAND VOLTAGE, WET	590 kV	
CRITICAL IMPULSE FLASHOVER, POSITIVE	1610 kV	
MAX. RIV AT 1000 kHz	1000 μV	
LOW-FREQUENCY TEST VOLTAGE (RIV)	220 kV	
CREEPAGE DISTANCE		
- NOMINAL	273 in	6930 mm
- MINIMUM	265 in	6722 mm
MINIMUM FAILING LOAD		
- BENDING	1170 lb	5.2 kN
- TENSILE	20000 lb	89 kN
- COMPRESSION	60000 lb	269 kN
- TORSION	40000 in-lb	4.5 kNm
MAX. ANGULAR DEVIATION OF FIXING HOLES	1°	
TESTING ACC. TO ANSI C29.1		
MECHANICAL ROUTINE TEST: BENDING	4 x 50%	
FIXING DEVICE MATERIAL: MALLEABLE CAST IRON,		
HOT DIP GALVANIZED		
APPROXIMATE WEIGHT	368 lb	167 kg

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REVISIONS:

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DATE: 8/1/2014
 SCALE: NTS
 DRAWN BY: E. GREEN
 APPROVED BY:

CUSTOMER:
 TR371
 DWG. OUTDOOR STATION POST INSULATOR
 MATERIAL: