



STANDARDS - ANSI C29.9, C29.1

LIGHTNING IMPULSE WITHSTAND VOLTAGE	900 kV	
POWER-FREQUENCY WITHSTAND VOLTAGE, WET	385 kV	
CRITICAL IMPULSE FLASHOVER, POSITIVE	1010 kV	
MAX. RIV AT 1000 kHz	500 μV	
LOW-FREQUENCY TEST VOLTAGE (RIV)	146 kV	
NOMINAL CREEPAGE DISTANCE	166 in	4220 mm
MINIMUM FAILING LOAD - BENDING (UPRIGHT)	950 lb	4.3 kN
- BENDING (UNDERHUNG)	950 lb	4.3 kN
- TENSILE	20000 lb	89 kN
- COMPRESSION	60000 lb	267 kN
- TORSION	80000 in-lb	6.78 kNm
MAX. ANGULAR DEVIATION OF FIXING HOLES	1 °	
TESTING ACC. TO ANSI C29.1		
MECHANICAL ROUTINE TEST: BENDING	4x 50%	
MATERIAL: C-130 ACC. TO IEC 60872, GREY GLAZED		
APPROXIMATE WEIGHT	170 lb	77 kg

MEASURES IN BRACKETS ARE IN MILLIMETRES

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REVISIONS:

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

CUSTOMER:  
 TR304  
 DWG. OUTDOOR STATION POST INSULATOR  
 MATERIAL: