



LIGHTNING IMPULSE WITHSTAND VOLTAGE	1050 kV	
POWER-FREQUENCY WITHSTAND VOLTAGE, WET	455 kV	
CRITICAL IMPULSE FLASHOVER, POSITIVE	1210 kV	
MAX. RIV AT 1000 kHz	500 μV	
LOW-FREQUENCY TEST VOLTAGE (RIV)	146 kV	
CREEPAGE DISTANCE		
- NOMINAL	209 in	5300 mm
- MINIMUM	202 in	5140 mm
MINIMUM FAILING LOAD		
- BENDING (UPRIGHT)	800 lb	3.6 kN
- BENDING (UNDERHUNG)	800 lb	3.6 kN
- TENSILE	20000 lb	89 kN
- COMPRESSION	60000 lb	267 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	238 lb	108 kg



EGER PRODUCTS, INC.

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DATE: 8/1/2014

CUSTOMER:

SCALE: NTS

TR312

DRAWN BY: E. GREEN

DWG. OUTDOOR STATION POST INSULATOR

APPROVED BY:

MATERIAL: