



TECHNICAL SPECIFICATIONS:

ELECTRICAL DATA

(1) BIL	110 kV
(2) NOMINAL SYSTEM VOLTAGE	15 kV
(3) WET POWER FREQUENCY WITHSTAND VOLTAGE	40 kV
(4) LIGHTNING IMPULSE WITHSTAND VOLTAGE	110 kV
(5) CRITICAL IMPULSE FLASHOVER POSITIVE	125 kV
(6) TEST VOLTAGE AND MAX RIV @1000 KHz	5 kV @ <50 µV

MECHANICAL DATA

(1) MIN ULTIMATE CANTILEVER LOAD	7420 LB (33 kN)
(2) MAX DESIGN CANTILEVER LOAD	3710 LB (16.5 kN)
(3) ULTIMATE TENSION LOAD	20000 LB (89 kN)
(4) ULTIMATE TORSION LOAD	6000 IN-LB (677 N.m)
(5) ULTIMATE COMPRESSION LOAD	20000 LB (89 kN)
(6) DEFLECTION @ MAX DESIGN CANT. LOAD	0.11 IN (2.8 mm)
(7) DEFLECTION @ MIN ULT. CANT. LOAD	0.22 IN (5.6 mm)

NOTES:

- (1) THE ANGLE DEVIATION OF THE RELATIVE HOLE OF THE FLANGE IS LESS THAN 2°.
- (2) PACKED THREE PER SHIPPING TUBE.

DIMENSIONS

(1) SECTION LENGTH	10 IN (254 mm)
(2) MINIMUM ARCING DISTANCE	6.7 IN (170 mm)
(3) MINIMUM CREEPAGE DISTANCE	17.7 IN (450 mm)
(4) SHED SPACING (BETWEEN MAJOR SHEDS)	2 IN (50 mm)
(5) ROD DIAMETER	1.75 IN (45 mm)

REV DATE 06/19/19

		<b>HUBBELL® POWER SYSTEMS</b>		
		TITLE SILICONE STATION POST TR205		
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