



TECHNICAL SPECIFICATIONS:
ELECTRICAL DATA

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|---|-----------------|
| (1) BIL | 200 kV |
| (2) NOMINAL SYSTEM VOLTAGE | 35 kV |
| (3) WET POWER FREQUENCY WITHSTAND VOLTAGE | 85 kV |
| (4) LIGHTNING IMPULSE WITHSTAND VOLTAGE | 215 kV |
| (5) CRITICAL IMPULSE FLASHOVER POSITIVE | 225 kV |
| (6) TEST VOLTAGE AND MAX RIV @1000 KHz | 22 kV @ <100 µV |

MECHANICAL DATA

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| (1) MIN ULTIMATE CANTILEVER LOAD | 3507 LB (15.6 kN) |
| (2) MAX DESIGN CANTILEVER LOAD | 1754 LB (7.8 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 | 0.62 IN (16 mm) |
| (7) DEFLECTION @ MIN ULT. CANT. LOAD | 1.24 IN (31 mm) |

NOTES:

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

DIMENSIONS

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| (1) SECTION LENGTH | 18 IN (457.2 mm) |
| (2) MINIMUM ARCING DISTANCE | 14.8 IN (375 mm) |
| (3) MINIMUM CREEPAGE DISTANCE | 46.1 IN (1170 mm) |
| (4) SHED SPACING (BETWEEN MAJOR SHEDS) | 2 IN (50 mm) |
| (5) ROD DIAMETER | 1.75 IN (45 mm) |

REV DATE 06/19/19

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| | | HUBBELL® POWER SYSTEMS | | |
| | | TITLE SILICONE STATION POST TR210 | | |
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| DO NOT SCALE THIS DRAWING | DRN BY RVK | DATE 04/13/18 | SHEET 1 OF 1 | |