

BOM ITEM #4A



MPS Catalog Number

Date 6/18/2025

Revision: C

MacLean Power Systems

7801 Park Place Rd., York, SC 29745 USA (803) 628-2100

P4 50 50 033 MX SS 020

Dimensions acc. To ANSI C29.19

BIL Rating: 550 kV TR287P

Top End Fitting:
Bottom End Fitting:

End Fittings

5 Inch Bolt Circle (Hot Dip Galvanized Cast Iron)
5 Inch Bolt Circle (Hot Dip Galvanized Cast Iron)

Number of Sheds:
Rod Diameter:
Weight Estimate:
Packaging:

Material

20
3.5 Inches
31 kg
15 Per Crate

Height (L):
Rubber Length (X):
Shed Diameter (B):
Shed Spacing (S):
Dry Arc Distance:
Leakage Distance:

Dimensional Values

45.0 in 1143 mm
33.0 in 838 mm
8.0 in 203 mm
1.7 in 43 mm
35.6 in 904 mm
112.8 in 2865 mm

Low Freq. dry Flashover:
Low Freq. Wet Flashover:
Positive CIFO:
Max RIV @ 1 MHz. Low-freq. test voltage 73kV

Electrical Values

385 kV
300 kV
554 kV
200 μ V
Min. Withstand 345 kV
Min. Withstand 230 kV
Min. Withstand 495 kV

Specified Cant. Load (SCL):
Max. Design Cant. Load (MDCL):
Specified Tensile Load (STL):
Specified Compression Strength
Deflection at 680 lbs* (3.0kN)
Specified Torsional Strength

Mechanical Values

9,200 lbs 40.9 kN
4,600 lbs 20.5 kN
25,000 lbs 111 kN
25,000 lbs 111 kN
.5 in 13 mm
54,000 In-lbs 6,101 Nm

Dimension: inches [millimeters]

NOTE: Drawing not actual depiction of insulator appearance

Silicone Rubber, Sheath, & Dimensions comply with
ANSI C29.19 and CSA C156.2.

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