

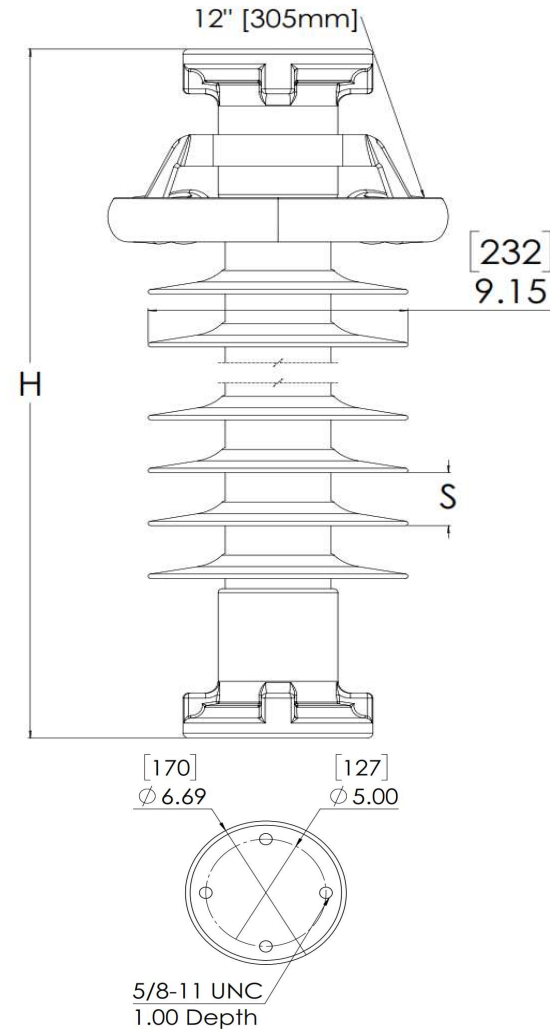
MPS Catalog Number

Date 10/17/2024

Revision: F

P4 50 50 082 AB SS 032
Dimensions acc. To ANSI C29.19
BIL Rating: 1050 kV TR312 & TR316

End Fittings		5 Inch Bolt Circle (Hot Dip Galvanized Cast Iron)	
Top End Fitting:		5 Inch Bolt Circle (Hot Dip Galvanized Cast Iron)	
Bottom End Fitting:			
Material			
Number of Sheds:		32	
Rod Diameter:		3.5 Inches	
Weight Estimate:	123 lbs	56 kg	
Packaging:		15 Per Crate	
Dimensional Values			
Height (L):	92.0 in	2337 mm	
Rubber Length (X):	82.0 in	2083 mm	
Shed Diameter (B):	9.2 in	234 mm	
Shed Spacing (S):	2.5 in	64 mm	
Dry Arc Distance:	82.3 in	2090 mm	
Leakage Distance:	240.9 in	6119 mm	
Electrical Values			
Low Freq. dry Flashover:	751 kV	Min. Withstand	705 kV
Low Freq. Wet Flashover:	681 kV	Min. Withstand	553 kV
Positive CIFO:	1320 kV	Min. Withstand	1162 kV
Max RIV @ 1 MHz. Low-freq. test voltage	146kV		500 μV
Mechanical Values			
Specified Cant. Load (SCL):	4,162 lbs	18.5 kN	
Max. Design Cant. Load (MDCL):	2,081 lbs	9.3 kN	
Specified Tensile Load (STL):	25,500 lbs	113 kN	
Specified Compression Strength	25,500 lbs	113 kN	
Deflection at 500 lbs* (2.2kN)	3.5 in	89 mm	
Specified Torsional Strength	18,000 In-lbs	2,034 Nm	



*Deflection values based on working load of porcelain

Dimension: inches [millimeters]

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

NOTE: Drawing not actual depiction of insulator appearance

This drawing contains confidential information that is the property of MacLean Power, L.L.C. ("MacLean"). Use of MacLean's confidential information without MacLean's express written consent is strictly prohibited and may expose you to legal liability. If you believe that you received this material in error, please destroy it or return it to "MacLean Power, L.L.C., 7801 Park Place Rd., York, South Carolina 29745, USA."