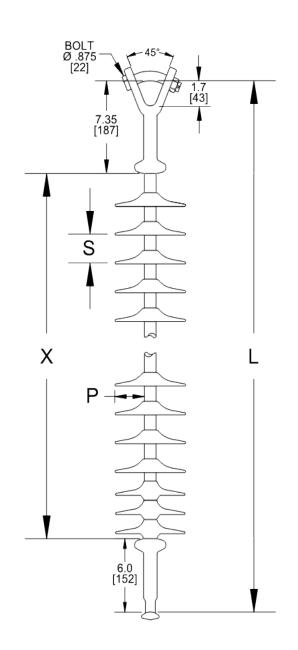


7801 Park Place Rd. York, SC 29745 USA (803) 628-2100

End FittingsTower End Fitting:Y-ClevisLine End Fitting:Ball (IEC 20)	MPS Catalog Number: Date:	S6 40 80 024 VX SS 011 05/07/2021
Line End Fitting: Ball (IEC 20) Material Corona Ring (Tower): None Corona Ring (Line): None Corona Ring (Line): None Corona Ring (Line): None Corona Rings are recommended for applications of 230 kV and above None Number of Sheds: 11 Standard Rod Diameter: 18 mm Weight Estimate: 8.5 lbs 4 kg		•
MaterialCorona Ring (Tower):NoneCorona Ring (Line):NoneCorona Rings are recommended for applications of 230 kV and aboveNumber of Sheds:11 StandardRod Diameter:18 mmWeight Estimate:8.5 lbsDimensional ValuesSection Length (L):37.4 inRubber Length (X):24 inStandard Shed Height (P):2.2 inShed Spacing (S):2.44 inDry Arc Distance:65.4 inLeakage Distance:65.4 in60 Hz dry Flashover (Min. Withstand):276 kV276 kV257 kV60 Hz dry Flashover (Min. Withstand):249 kV217 kV217 kVCIFO Positive (Min. Withstand):480 kV413 kVCIFO Negative (Min. Withstand):515 kV454 kVMechanical ValuesSpecified Mech. Load (SML):36,000 lbsSpecified Mech. Load (SML):36,000 lbs	Tower End Fitting:	Y-Clevis
Corona Ring (Tower):NoneCorona Ring (Line):NoneCorona Rings are recommended for applications of 230 kV and aboveNumber of Sheds:Number of Sheds:11 StandardRod Diameter:18 mmWeight Estimate:8.5 lbsSection Length (L):37.4 inRubber Length (X):24 inStandard Shed Height (P):2.2 inShed Spacing (S):2.44 inDry Arc Distance:27.5 inLeakage Distance:65.4 inGo Hz dry Flashover (Min. Withstand):249 kVCIFO Positive (Min. Withstand):249 kVStore (Min. Withstand):515 kV480 kV413 kVCIFO Negative (Min. Withstand):515 kVSpecified Mech. Load (SML):36,000 lbsSpecified Mech. Load (SML):36,000 lbsSpecified Mech. Load (SML):36,000 lbsSpecified Mech. Load (SML):36,000 lbsSpecified Mech. Load (SML):36,000 lbs	Line End Fitting:	Ball (IEC 20)
Corona Ring (Line): Corona Rings are recommended for applications of 230 kV and aboveNone Corona Rings are recommended for applications of 230 kV and aboveNumber of Sheds: Rod Diameter:11 Standard 18 mmRod Diameter:18 mmWeight Estimate:8.5 lbsA kg1Dimensional Values1Section Length (L): Rubber Length (X):37.4 in 24 in 	Mate	rial
Corona Rings are recommended for applications of 230 kV and aboveNumber of Sheds:11 StandardRod Diameter:18 mmWeight Estimate:8.5 lbs4 kgDimensional ValuesSection Length (L):37.4 in950 mmRubber Length (X):24 in610 mmStandard Shed Height (P):2.2 in55 mmShed Spacing (S):2.44 in62 mmDry Arc Distance:27.5 in699 mmLeakage Distance:65.4 in1,661 mm60 Hz dry Flashover (Min. Withstand):249 kV217 kV60 Hz Wet Flashover (Min. Withstand):2480 kV413 kVCIFO Positive (Min. Withstand):515 kV454 kVMechanical Values36,000 lbs160.1 kN	Corona Ring (Tower):	None
Number of Sheds:11 StandardRod Diameter:18 mmWeight Estimate:8.5 lbsDimensional ValuesSection Length (L):37.4 inRubber Length (X):24 inStandard Shed Height (P):2.2 inShed Spacing (S):2.44 inDry Arc Distance:27.5 inLeakage Distance:65.4 in1,661 mmG0 Hz dry Flashover (Min. Withstand):276 kV2FO Positive (Min. Withstand):249 kV2IFO Positive (Min. Withstand):217 kVCIFO Negative (Min. Withstand):515 kV480 kV413 kVCIFO Negative (Min. Withstand):515 kVSpecified Mech. Load (SML):36,000 lbsSpecified Mech. Load (SML):36,000 lbs	Corona Ring (Line):	None
Rod Diameter:18 mmWeight Estimate:8.5 lbs4 kgDimensional ValuesSection Length (L):37.4 in950 mmRubber Length (X):24 in610 mmStandard Shed Height (P):2.2 in55 mmShed Spacing (S):2.44 in62 mmDry Arc Distance:27.5 in699 mmLeakage Distance:65.4 in1,661 mm60 Hz dry Flashover (Min. Withstand):276 kV257 kV60 Hz Wet Flashover (Min. Withstand):249 kV217 kVCIFO Positive (Min. Withstand):480 kV413 kVCIFO Negative (Min. Withstand):515 kV454 kVMechanical Values36,000 lbs160.1 kN	Corona Rings are recommended	for applications of 230 kV and above
Weight Estimate:8.5 lbs4 kgDimensional ValuesSection Length (L):Rubber Length (X):Standard Shed Height (P):Standard Shed Height (P):Shed Spacing (S):2.44 in62 mmDry Arc Distance:27.5 in699 mmLeakage Distance:60 Hz dry Flashover (Min. Withstand):276 kV60 Hz Wet Flashover (Min. Withstand):249 kV217 kVCIFO Positive (Min. Withstand):480 kV413 kVCIFO Negative (Min. Withstand):515 kV454 kVMechanical ValuesSpecified Mech. Load (SML):36,000 lbs160.1 kN	Number of Sheds:	11 Standard
Dimensional ValuesSection Length (L):Rubber Length (X):Standard Shed Height (P):Standard Shed Height (P):Shed Spacing (S):Dry Arc Distance:Dry Arc Distance:Electricals Values60 Hz dry Flashover (Min. Withstand):276 kV257 kV60 Hz Wet Flashover (Min. Withstand):249 kV217 kVCIFO Positive (Min. Withstand):515 kV480 kV413 kVCIFO Negative (Min. Withstand):515 kV515 kVMechanical ValuesSpecified Mech. Load (SML):36,000 lbs160.1 kN	Rod Diameter:	18 mm
Section Length (L):37.4 in950 mmRubber Length (X):24 in610 mmStandard Shed Height (P):2.2 in55 mmShed Spacing (S):2.44 in62 mmDry Arc Distance:27.5 in699 mmLeakage Distance:65.4 in1,661 mmElectricals Values60 Hz dry Flashover (Min. Withstand):276 kV257 kV60 Hz Wet Flashover (Min. Withstand):249 kV217 kVCIFO Positive (Min. Withstand):480 kV413 kVCIFO Negative (Min. Withstand):515 kV454 kVMechanical Values36,000 lbs160.1 kN	Weight Estimate:	8.5 lbs 4 kg
Rubber Length (X):24 in610 mmStandard Shed Height (P):2.2 in55 mmShed Spacing (S):2.44 in62 mmDry Arc Distance:27.5 in699 mmLeakage Distance:65.4 in1,661 mmElectricals Values60 Hz dry Flashover (Min. Withstand):276 kV257 kV60 Hz Wet Flashover (Min. Withstand):249 kV217 kVCIFO Positive (Min. Withstand):480 kV413 kVCIFO Negative (Min. Withstand):515 kV454 kVSpecified Mech. Load (SML):36,000 lbs160.1 kN	Dimension	al Values
Standard Shed Height (P):2.2 in55 mmShed Spacing (S):2.44 in62 mmDry Arc Distance:27.5 in699 mmLeakage Distance:65.4 in1,661 mmElectricals Values60 Hz dry Flashover (Min. Withstand):276 kV257 kV60 Hz Wet Flashover (Min. Withstand):249 kV217 kVCIFO Positive (Min. Withstand):480 kV413 kVCIFO Negative (Min. Withstand):515 kV454 kVSpecified Mech. Load (SML):36,000 lbs160.1 kN	Section Length (L):	37.4 in 950 mm
Shed Spacing (S):2.44 in62 mmDry Arc Distance:27.5 in699 mmLeakage Distance:65.4 in1,661 mmElectricals Values60 Hz dry Flashover (Min. Withstand):276 kV257 kV60 Hz Wet Flashover (Min. Withstand):249 kV217 kVCIFO Positive (Min. Withstand):480 kV413 kVCIFO Negative (Min. Withstand):515 kV454 kVMechanical ValuesSpecified Mech. Load (SML):36,000 lbs160.1 kN	Rubber Length (X):	24 in 610 mm
Dry Arc Distance:27.5 in699 mmLeakage Distance:65.4 in1,661 mm	Standard Shed Height (P):	2.2 in 55 mm
Leakage Distance:65.4 in1,661 mmElectricals Values60 Hz dry Flashover (Min. Withstand):276 kV257 kV60 Hz Wet Flashover (Min. Withstand):249 kV217 kVCIFO Positive (Min. Withstand):480 kV413 kVCIFO Negative (Min. Withstand):515 kV454 kVMechanical Values36,000 lbs160.1 kN	Shed Spacing (S):	2.44 in 62 mm
Electricals Values60 Hz dry Flashover (Min. Withstand):276 kV257 kV60 Hz Wet Flashover (Min. Withstand):249 kV217 kVCIFO Positive (Min. Withstand):480 kV413 kVCIFO Negative (Min. Withstand):515 kV454 kVMechanical ValuesSpecified Mech. Load (SML):36,000 lbs160.1 kN	Dry Arc Distance:	27.5 in 699 mm
60 Hz dry Flashover (Min. Withstand):276 kV257 kV60 Hz Wet Flashover (Min. Withstand):249 kV217 kVCIFO Positive (Min. Withstand):480 kV413 kVCIFO Negative (Min. Withstand):515 kV454 kVMechanical ValuesSpecified Mech. Load (SML):36,000 lbs160.1 kN	Leakage Distance:	65.4 in 1,661 mm
60 Hz Wet Flashover (Min. Withstand):249 kV217 kVCIFO Positive (Min. Withstand):480 kV413 kVCIFO Negative (Min. Withstand):515 kV454 kVMechanical ValuesSpecified Mech. Load (SML):36,000 lbs160.1 kN	Electrical	s Values
CIFO Positive (Min. Withstand):480 kV413 kVCIFO Negative (Min. Withstand):515 kV454 kVMechanical Values36,000 lbs160.1 kN	60 Hz dry Flashover (Min. Withstand):	276 kV 257 kV
CIFO Negative (Min. Withstand): 515 kV 454 kV Mechanical Values Specified Mech. Load (SML): 36,000 lbs 160.1 kN	60 Hz Wet Flashover (Min. Withstand):	249 kV 217 kV
Mechanical Values Specified Mech. Load (SML): 36,000 lbs 160.1 kN	CIFO Positive (Min. Withstand):	480 kV 413 kV
Specified Mech. Load (SML): 36,000 lbs 160.1 kN	CIFO Negative (Min. Withstand):	515 kV 454 kV
	Mechanica	al Values
	Specified Mech. Load (SML):	36,000 lbs 160.1 kN
		18,000 lbs 80.1 kN



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Dimension: inches [millimeters]

NOTE: Drawing not actual depiction of insulator appearance.

Silicone rubber sheath and sheds complies with applicable ANSI and IEC standards.

Prepared By: Laurel Wallace