

Top & Bottom View

ELECTRICAL PROPERTIES

1.Rated Voltage	138kV
2.Critical Impulse Flashover Voltage (Pos.+)	710kV
3.Low Frequency Withstand Voltage (wet)	275kV
4. Impulse Withstand Voltage (BIL)	650kV
5.Low Frequency Flashover Voltage (wet)	380kV
Low Frequency Flashover Voltage (dry)	435kV
6.Radio Influence Voltage Data	
Test Voltage to Ground	88kV
Max. RIV at 1000kHz	200µV


PHYSICAL PROPERTIES

1.Dry Arc Distance	49.1"(1247mm)
2.Min Creepage Distance	117.5" (2985mm)
3.Shed spacing	3"(75mm)
4.Weight	74.5lbs(33.8kg)

MECHANICAL PROPERTIES

1.Specified Cantilever Load(SCL)	2200lbs(9.8kN)
2.Specified Mechanical Tensile Load(SML)	27000lbs(120kN)
3. Specified Torsion Load(STol)	54000 in.lbs(6.1kN.m)
4.Specified Compression Load(SCol)	35000lbs(156kN)
5.Deflection at 880lbs(3.91kN) cantilever strength	1.1"(27.9mm)

According to Standard: ANSI C29.9

3	Core rod	Glass fiber reinforced epoxy resin	1		
2	Weather sheds	Silicone rubber	1	Color:Grey	
1.4	Flange	Galvanized steel	2		
ITEM NO	DESCRIPTION	MATERIALS	QTY	REMARK	
		Title		Drawing No.	
		Post Type insulator Polymer TR289		VP090650SG3	
				REV	Approved
				0	S.N.04/16/21
VANGUARD ELECTRIC ,LLC					