

Top & Bottom View

ELECTRICAL PROPERTIES

1. Rated Voltage		115kV
2. Critical Impulse Flashover Voltage (Pos.+)		610kV
3. Low Frequency Withstand Voltage (wet)		230kV
4. Impulse Withstand Voltage (BIL)		550kV
5. Low Frequency Flashover Voltage (wet)		300kV
Low Frequency Flashover Voltage (dry)		385kV
6. Radio Influence Voltage Data		
Test Voltage to Ground		73kV
Max. RIV at 1000kHz		200µV


PHYSICAL PROPERTIES

1. Dry Arc Distance	40"(1018mm)
2. Min Creepage Distance	99.5"(2528mm)
3. Shed spacing	3"(75mm)
4. Weight	65lbs(29.7kg)

MECHANICAL PROPERTIES

1. Specified Cantilever Load(SCL)	2600lbs(11.6kN)
2. Specified Mechanical Tensile Load(SML)	27000lbs(120kN)
3. Specified Torsion Load(STol)	54000 in.lbs(6.1kN.m)
4. Specified Compression Load(SCol)	40000lbs(178kN)
5. Deflection at 1040lbs(4.62kN) cantilever strength	0.7"(17.78mm)

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 TR287		VP110550SG3
		REV	Approved	
		0	S.N.04/16/21	
VANGUARD ELECTRIC ,LLC				