



**DIMENSIONS:**

- Height: 1535±30 mm.
- Dry Arcing Distance: 1330 mm.
- Creepage Distance: 4200 mm.
- Diameter Of The Rod:  $\phi 18$  mm.
- Coupling Dimensions: Clevis-Y :19 (IEC 61466-1)/Ball :16(IEC 60120).
- Number Of Sheds: 49.

**MECHANICAL:**

- Specified Mechanical Load (SML): 120 kN.
- Routine Test Load (RTL): 60 kN.
- Standard: IEC 61109.

**ELECTRICAL:**

- Rated Voltage: 145 kV.
- Power Frequency Withstand Voltage (Wet 1 Min): 270 kV.
- Lightning Impulse Withstand Voltage : 650 kV.
- Standard: IEC 61109 .

**RAW MATERIALS:**

- End-fitting:
  - Material: Hot Dip Galvanized Steel.
  - Minimum thickness of the galvanization: 86  $\mu$ m.
- Core:
  - Material: Epoxy & Glass Fiber, Acid-Resistant Type.
- Weather sheds:
  - Material: HTV Silicone .
  - Color: Gray.

						General Drawing		
Mark	Amount	Section	Modifying File NO.	Sign	Y M D			
Design		2023.10.28	Standard				Stage Mark	Weight (kg)
Check							5.1	
Verify						1 Page in all The 1st Page		145kV120-1535-20231028-YB
Process			Approved					