

## Composite Support Insulator Maira S 24.10.330

### Environment Conditions

Maximum ambient temperature	+50 °C
Minimum ambient temperature	-55 °C
Maximum humidity	100%
Altitude above sea level	2500 m
Sun radiation	Strong
Installation	Outdoors

### Technical Characteristics

Nominal system voltage	20 kV
Highest system voltage	24 kV
Nominal system frequency	50/60 Hz
Withstanding voltage with frequency power in 1 minute in dry conditions (to earth & between phases)	110 kV
Withstanding voltage with frequency power in 1 minute in wet conditions	91 kV
Lightning impulse flashover voltage (positive) 50%	189.9 kV
Lightning impulse flashover voltage (negative) 50%	240.2 kV
Lightning impulse withstanding voltage	182.3 kV
Thickness of galvanization of metal part	70 µm Zn
Fittings (IEC 61466-2/2002)	Spherical
Material	Silicone rubber (HTV)
Specified mechanical load (bending moment)	2250 lbs/10 kN
Leakage distance (IEC 815/1986)	29.49 inch /747 mm
Exceptional maximum tensile strength	1922.04 lbs /12 kN
Length	13.03 inch/330 mm
Weight	5.31 lbs/2.4 kg
Polluted level (IEC 815/1986)	IV (3,1 cm/ kV)

