

Composite Support Insulator Maira P24.07.293

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)	90 kV
Withstanding voltage with frequency power in 1 minute in wet conditions	70 kV
Lightning impulse flashover voltage (positive) 50%	189 kV
Lightning impulse flashover voltage (negative) 50%	240 kV
Lightning impulse withstanding voltage	181.4 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)	1575 lbs/7 kN
Leakage distance (IEC 815/1986)	21 inch / 532 mm
Exceptional maximum tensile strength	1910 lbs /11.5 kN
Length	11.5 inch/293 mm
Polluted level (IEC 815/1986)	II (2,1 cm/ kV)

