

Composite Support Insulator Maira H 24.80.445 TT

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	24kV
Nominal system frequency	50/60 Hz
Withstanding voltage with frequency power in 1 minute in	131 kV

Withstanding voltage with frequency power in 1 minute in	85 kV
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Lightning impulse flashover voltage (positive) 50%	292 kV
Lightning impulse flashover voltage (negative) 50%	303 kV
Lightning impulse withstanding voltage	280.3 kV

Thickness of galvanization of metal part	70 µm Zn / Al
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Fittings (IEC 61466-2/2002)	TT
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Material	Silicone rubber
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Specified mechanical load (bending moment)	18000 lbs/80 kN
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Leakage distance (IEC 815/1986)	30.82 inch / 445
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Exceptional maximum tensile strength	22500 lbs /100 kN
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Length	17.49 inch/445
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Weight	4.62 lbs/2.1 kg
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Polluted level (IEC 815/1986)	IV (3.1 cm/ kV)
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