

Composite Support Insulator Maira M24/...

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)	105 kV
Withstanding voltage with frequency power in 1 minute in wet conditions	90 kV
Lightning impulse flashover voltage (positive) 50%	214.5 kV
Lightning impulse flashover voltage (negative) 50%	315.6 kV
Lightning impulse withstanding voltage	200 kV
Thickness of galvanization of metal part	70 µm Zn
Fittings (IEC 61466-2/2002)	Cylindrical—M16/2xM8
Material	Silicone rubber (HTV)
Specified mechanical load (bending mo-	1575 lbs/7 kN
Leakage distance (IEC 815/1986)	29.5 inch / 747 mm
Exceptional maximum tensile strength	1800 lbs /8 kN
Length	10.28 inch/260 mm
Weight	3.98 lbs/1.8 kg
Polluted level (IEC 815/1986)	IV (3,1 cm/ kV)

