

## Composite Support Insulator Maira S 035

### Environment Conditions

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

### Technical Characteristics

Nominal system voltage	15 kV
Highest system voltage	17.5 kV
Lowest rated insulation voltage	36 kV
Low frequency flashover in dry conditions	100 kV
Low frequency flashover in wet conditions	85 kV
Lightning impulse flashover voltage (positive)	185 kV
Lightning impulse flashover voltage (negative)	185 kV
Lightning impulse withstanding voltage	42.2 kV
Thickness of galvanization of metal part Aluminium/	60-65 µm Zn
Fittings	C 8-170
Material	Silicone rubber (HTV)
SML	20232.8 lbs/90 kN
SCL	2697.71 lbs/12 kN
MDCL	1348.85 lbs/6 kN
Creepage distance	32.6 inch/828 mm
Arcing distance	min. 11.811 inch/300
Length	17.5 inch/445 (+/- 5)
Insulator-collars outside diameter	3.93 inch/100 +2/-0.5

