

2.2 Technical Specifications

Table 1: Electrical Specifications
(measured at 25°C or 77°F, 50% R.H.)

Parameter	Specification
Rated Voltage	15 kV

Table 2: Physical Specifications

Parameter	Specification
Operating Temperature Range	-20°C to 65°C (-4°F to 149°F)
Height	49.2 cm (19.4")
Width	44.1 cm (17.4")
Depth	24.5 cm (9.6")
Weight	7.9 kg (17.4 lbs)

2.3 Manufacturer's Technical Specifications for Arrestor Core

The tables below outline the specifications of the manufacturer.

NOTE

- The manufacturer's specifications given below are subject to change without notice.

Table 3: Fault Current Withstand Ratings

Current Magnitude (Amps-Sym rms)	Test Duration (Cycles)
500	500
2,500	2,500
5,000	5,000
10,000	10,000

Table 4: Design Test Report Summary

Test	Results
High current, short duration	2 - 65 kA discharges
Low current, long duration	20 - 75A x 2,000 μ sec discharges
Duty cycle	22 - 5 kA discharges

Table 5: Recommended Tightening Torques for Arrestor Fasteners

Fastener	Recommended Tightening Torque
3/8" Line terminal	20 Foot-pounds
3/8" Ground terminal	20 Foot-pounds
1/2" Fastener connecting base bracket to crossarm or transformer sidewall bracket	40 Foot-pounds

NOTE

- An access hole has been added below the lightning arrester for the torque wrench. Please refer to Figure 2 on page 18.

Non-Fragmenting Lightning Arrestor Unit model 751126/1 & 751126/2

Figure 2: Torque Wrench Access

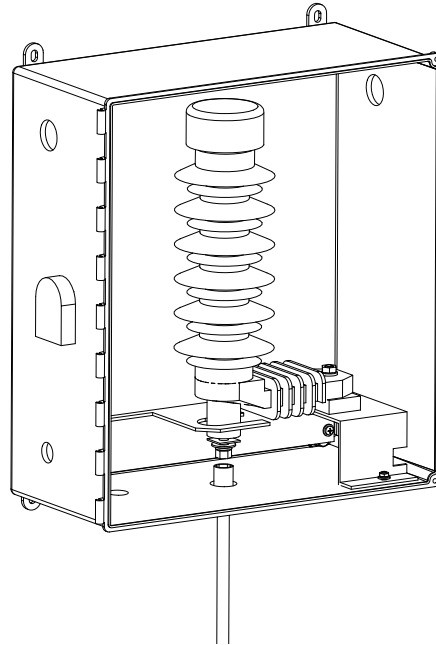


Table 6: Normal Duty Electrical Characteristics

Characteristic	Rated Voltage at 15 kV
MCOV (kV)	12.7 kV
0.5 μ sec, 5kA max, IR-kV	54 kV
500 A switching surge	39.9 kV
8/20 MAXIMUM DISCHARGE VOLTAGE- kV	
1.5 kA	43.1 kV
3 kA	46.3 kV
5 kA	49.0 kV
10 kA	54.4 kV
20 kA	62.4 kV
40 kA	76.0 kV