ELB-35-600 Arrester

FEATURES

- The 600A interface bolts directly to a bushing, saving space and eliminating the need for adaptors.
- Tested in accordance with the dead front arrester failure mode test, which has proven TE's Raychen elbow arrester to have safe and predictable failure characteristics.
- Large diameter MOV elements provide high energy handling capability.
- Fully submersible and meet the performance requirements of IEEE C62.11 and IEEE standard 386

APPLICATIONS

- TE's Raychem ELB-35-600 Arrester is designed to protect underground cables and high-voltage apparatus from voltage surges due to lightning and switching transients.

BENEFITS

- Eliminates the need for bushing extenders, reducing tap plugs, and 200A load break interface arresters and installs in the same manner as a standard 35 kV 600 A elbow.
- All MOV elements and end fittings are in a single epoxy fiber module. There are. There are no glued interfaces. The design is void and gap free ensuring peak performance under the harshest conditions.

ELB-35-600-ARSTR Kit Contents:

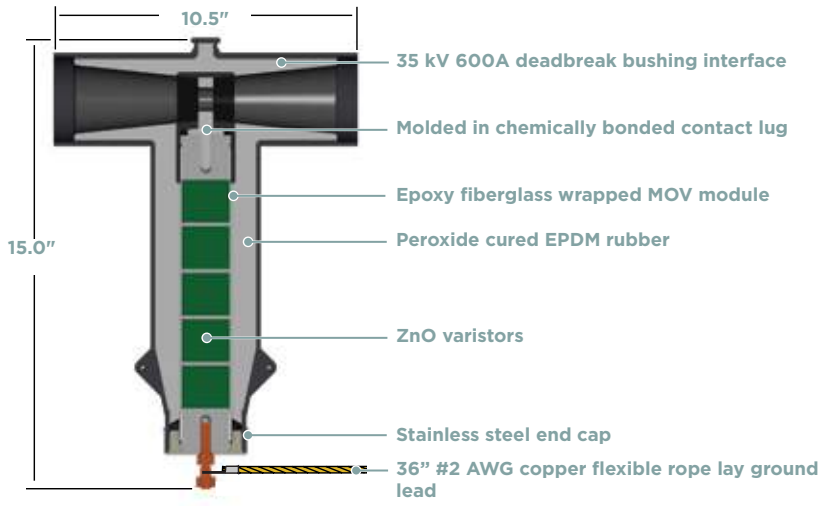
- Elbow Arrester
- Insulating Plug (Al)
- Stud (Al)
- 36" tinned Cu Ground Lead
- Silicone Lubricant
- Installation Instructions

PERFORMANCE CHARACTERISTICS

High Current Short Duration	65kA, 4 x 10μsec
Low Current Long Duration	75A, 2000μsec
Duty Cycle	5kA, 8 x 20μsec

Following each of the preceding tests the arrester demonstrates thermal recovery at MCOV.

100% Production Test
Partial Discharge 26 kV (10pc)
AC 1 minute withstand 50 kV (housing only)
Reference Voltage Test



PRODUCT SELECTION INFORMATION

Catalog Number	Duty Cycle Rating (kV/rms)	MCOV (kV/rms)	Max Discharge Voltage (kV crest) 8 x 20 microsecond current wave			
			1.5 kA	5 kA	10 kA	20 kA
ELB-35-600 ARSTR-27	27	22	65.6	72.3	78.2	85.7
ELB-35-600 ARSTR-30	30	24.4	72.6	79.9	86.5	94.8
ELB-35-600 ARSTR-33	33	26.8	80.1	88.2	95.4	104.5
ELB-35-600-ARSTR-36	36	29.0	87.1	95.9	103.8	113.8

Related Test Report: EDR-5506