

ZForce™ Distribution Arresters Product Line

Overview

MPS ZForce™ distribution arresters are designed to protect electrical distribution systems from damaging overvoltage events. Now featuring durable direct-molded silicone housing, these arresters continue to provide reliable surge protection for a wide range of utility applications from 3kV to 36kV in both Heavy Duty and Riser Pole models. These arresters have been fully tested to the latest IEEE C62.11- 2020 standards.

- Key Features**
- **Proprietary HTV Silicone Housing:** MPS's proven silicone formulation, with 40+ years of demonstrated industry leading performance on polymer transmission insulators
 - **Legacy Design Compatibility:** Fit, form, function, and existing part numbers have remained stable for well over 10 years allowing for easy ordering and no surprises during installation
 - **Zero Air Interface:** High-pressure direct molding process eliminates the possibility of voids beneath the housing, and the associated risk of moisture ingress and premature arrester failure
 - **Third Party Testing:** Independently tested up to IEEE C62.11- 2020

- Ordering & Availability**
- Manufactured in York, SC with high running variants stocked at our domestic distribution center
 - Refer to MPS website for detailed product information and availability

Technical Highlights

Characteristic	Heavy Duty	Riser Pole
MPS Nomenclature	ZHP	ZRP
Ratings Available	3 - 36kV	3 - 36kV
Nominal Discharge Current	10kA	10kA
Single Impulse Charge Transfer (Qrs)	0.5C	0.4C
Thermal Charge Transfer (Qth)	1.1C	1.1C
Isolator Operation at 20A	0.38s	0.38s
Fault Withstand	20kA	20kA

