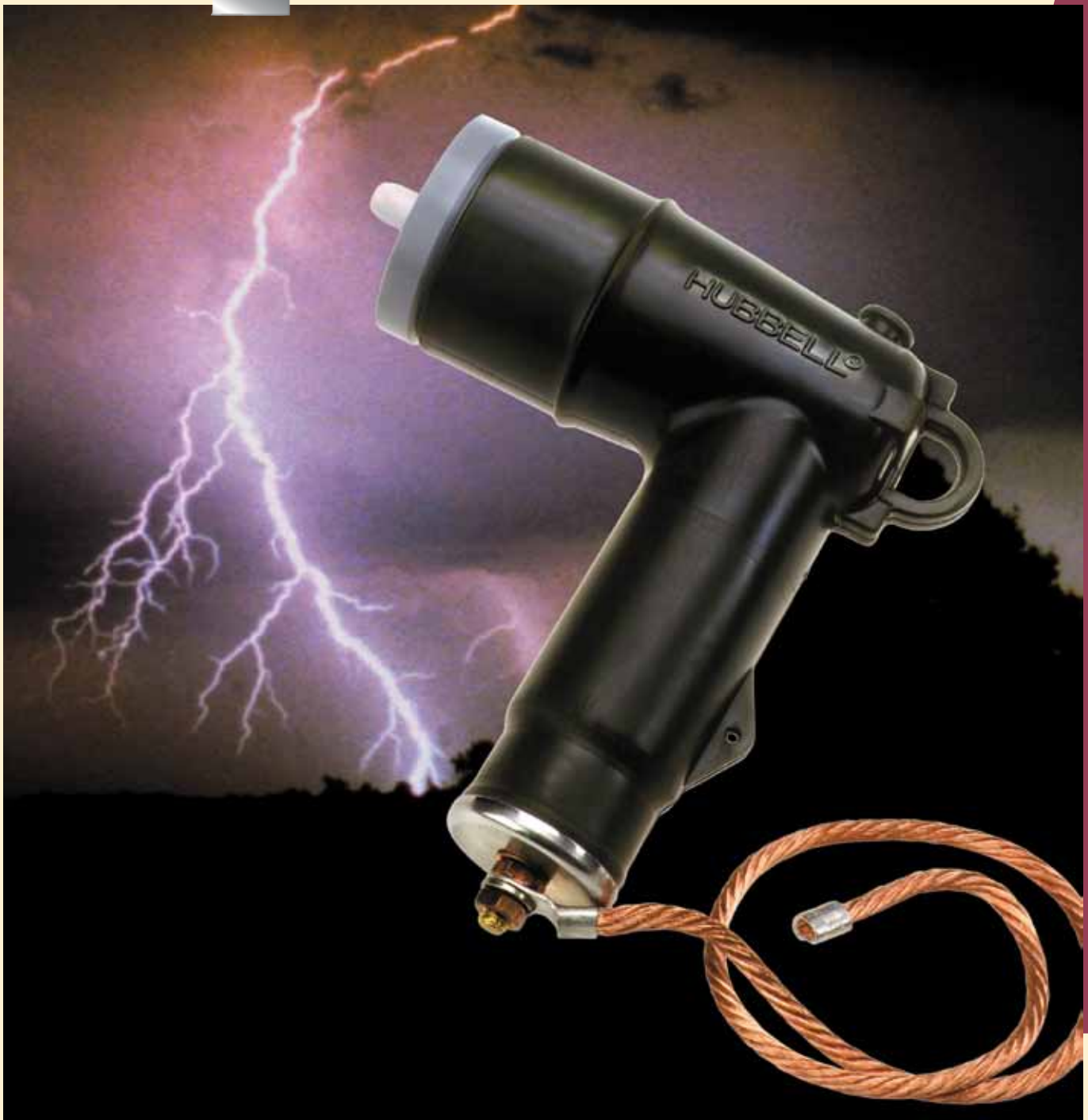


NEW

Polymer
Distribution
Elbow arresters



Polymer Distribution Elbow arresters

The new PDE™ Arrester for 15kV - 35kV applications meets all ANSI / IEEE standards. The PDE

Arrester combines Ohio Brass metal oxide varistor technology and polymer expertise with the experience of our sister company, Kerite, to provide the latest innovation of underground system protection. This new product will be available later this year.

Ohio Brass has been at the forefront of surge protection for nearly half a century. We pioneered the current limiting gap in the silicon carbide arrester era. We were the first to introduce

polymer housed distribution, intermediate and station class arresters.

We manufacture our own MOV elements in our state of the art manufacturing plants and our staff of chemists has formulated the polymer components for maximum product life. Ohio Brass has the most experience in both of these key areas.

This new product draws on decades of Hubbell/Ohio Brass leadership in the field of surge protection.

Hubbell PDE Arresters are designed to provide shielded deadfront arrester protection for underground systems, limiting overvoltages to acceptable levels, protecting equipment and extending cable life.

PDE Arresters are designed for use with 200 A loadbreak bushings and interface with other 200 A loadbreak accessories that conform with ANSI / IEEE Standard 386.

A PDE Arrester installed at the end of a radial system or at both ends of an open point on a loop system will provide excellent protection. When combined with an Ohio Brass PVR (Riser Pole) arrester installed at the end of a radial system, or at the next piece of apparatus downstream, optimum protection can be achieved.

The next page details some of the specific advantages of the PDE Arrester. Consult your Hubbell Power Systems representative for your application requirements and additional test report information.

Features and Benefits

- Operating eye provides positive hotstick operation. The pulling eye strength exceeds 500 pounds of pull out force.
- Insulation consists of peroxide cured EPDM that offers proven uncompromised reliability and dimensional stability.
- Molded shield of conductive EPDM rubber meets IEEE 592 standard.
- Grounding eye provides a convenient contact point to attach a grounding wire to maintain the shield at ground potential.
- Flexible lead is a No. 4 AWG bare copper rope lay. Available in several standard lengths to suit your application.
- The probe is manufactured from tin plated copper with an arc-follower designed with an arc-quenching material.
- Interference fit provides optimal radial pressure on the IEEE 386 standard interface.
- The PDE arrester uses the same proven MOV technology utilized in all Ohio Brass arrester products.
- End cap is manufactured from high strength stainless steel.

PDE™ Arrester — Ordering Information										
Catalog Number	MCOV kV	Rated Voltage kV	0.5 μ sec 5 kA Maximum IR-kV	500A Switching Surge Maximum IR-kV	8/20 Maximum Discharge Voltage - kV*					
					1.5 kA	3.0 kA	5.0 kA	10 kA	20 kA	40 kA
15kV CLASS (15kV ELBOW INTERFACE)										
611503	2.55	3	12.5	8.5	9.8	10.3	11.0	12.3	14.3	18.5
611505	5.1	6	25.0	17.0	19.5	20.5	22.0	24.5	28.5	37.0
611508	7.65	9	33.5	23.0	26.0	28.0	30.0	33.0	39.0	50.5
611509	8.4	10	36.0	24.0	27.0	29.5	31.5	36.0	41.5	53.0
621510	10.2	12	50.0	34.0	39.0	41.0	44.0	49.0	57.0	74.0
621513	12.7	15	58.5	40.0	45.5	48.5	52.0	57.5	67.5	87.5
621515	15.3	18	67.0	46.0	52.0	56.0	60.0	66.0	78.0	101.0
25kV CLASS (25/35kV ELBOW INTERFACE)										
612508	7.65	9	33.5	23.0	26.0	28.0	30.0	33.0	39.0	50.5
612509	8.4	10	36.0	24.0	27.0	29.5	31.5	36.0	41.5	53.0
622510	10.2	12	50.0	34.0	39.0	41.0	44.0	49.0	57.0	74.0
622513	12.7	15	58.5	40.0	45.5	48.5	52.0	57.5	67.5	87.5
622515	15.3	18	67.0	46.0	52.0	56.0	60.0	66.0	78.0	101.0
622517	17.0	21	73.0	49.0	55.0	60.0	64.0	73.0	84.0	107.0
35kV CLASS (25/35kV ELBOW INTERFACE)										
623515	15.3	18	67.0	46.0	52.0	56.0	60.0	66.0	78.0	101.0
623517	17.0	21	73.0	49.0	55.0	60.0	64.0	73.0	84.0	107.0
633520	19.5	24	92.0	63.0	71.5	76.5	82.0	90.5	106.5	138.0
633522	22.0	27	100.5	69.0	78.0	84.0	90.0	99.0	117.0	151.5
633524	24.4	30	108.0	72.0	81.0	88.5	94.5	108.0	124.5	159.0

*Discharge voltage is for arrester only.

PDE™



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NOTE: Because Hubbell Power Systems has a policy of continuous product improvement, we reserve the right to change design and specifications without notice.