OHIO BRASS

LIGHTNING SURGE ARRESTERS

OPTIMA ARRESTER

A common industry misperception is that an arrester fails and needs to be replaced after diverting a lightning surge. Did you know surge arresters are designed to withstand many lighting surges and survive?

WE DO.

Hubbell Power System has over 30 Million distribution arresters in service with less than a 0.02% failure rate – providing critical protection, longer.

Our Metal Oxide Varistors (MOV) are part of our core technology at Hubbell Power Systems - unlike many other manufacturers who do not produce their own MOV blocks. We continue to drive this technology forward with strict control of MOV quality and performance.

FEATURES AND BENEFITS OF PDV-100 OPTIMA ARRESTERS

IEEE heavy-duty, normal & riser pole rated
Universal wildlife protective cap
Excellent performance history
Improved isolator reliability
- Disconnector operates at fault currents down to 1 Amp
- Higher Power-Frequency TOV capability
- Improves system reliability
- Shipping restraint not required for ground lead disconnector

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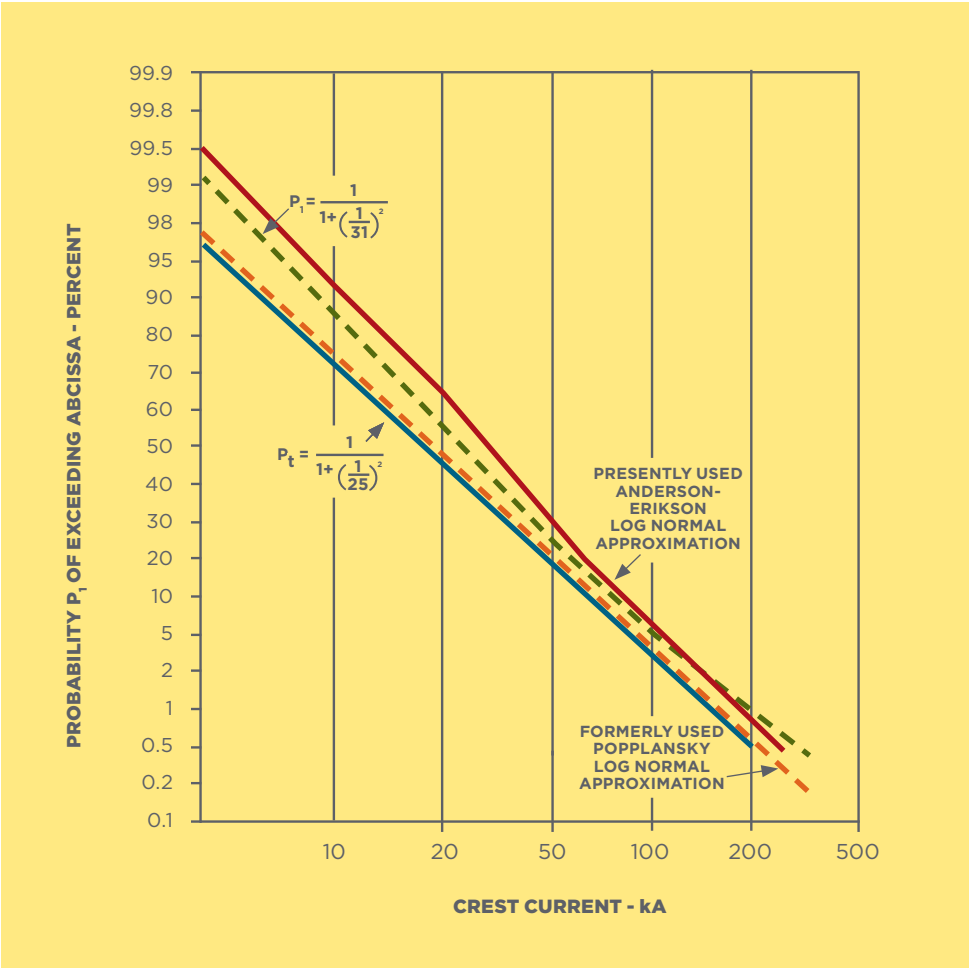
Hubbell Power Systems tests every MOV at rated energy using an 8/20 current impulse. This test is not required by any industry standard and is in addition to the classification testing that measures the residual voltage of the MOV at 5kA or 10kA. Hubbell Power Systems' heavy duty MOV is tested at rated energy and required current is approximately 40kA. Per the Anderson curve shown below, 70% of lightning surges are 40kA or less.*



Hubbell has a policy of continuous product improvement. Please visit hubbellpowersystems.com to confirm current design specifications

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