

ASI SERIES Combined Tension Insulator & Surge Arrester



FEATURES

- Unique dual function patented design – Surge Arrester and Support Insulator
- LSR Silicone housing
- Superior hydrophobic properties
- High mechanical strength
- Excellent environmental resilience e.g. to ozone, ultra violet radiation, heat etc
- Stable operating characteristics
- Operating temperature range -55°C to +55°C
- RoHS Compliant

The ASI Series 10kA Class1 arrester is a Metal-Oxide based surge protection device designed for use in ac power distribution systems.

The unique feature of this arrester design is its dual function as a support insulator and surge suppression component. This greatly simplifies the installation of the arrester and of the distribution support network itself.

The arresters are designed and manufactured within an ISO9001:2000 quality system. This ensures reliable and predictable mechanical integrity and stability of electrical performance.

The arrester is fully tested and approved to meet the requirements of EN 60099-4:2004 and IEC 61109:1999.



No: GB05/66964

Ordering Information

| Type | Rated Voltage (Ur) | Continuous Operating Voltage (Uc) | Residual Voltage at Nominal Discharge Current (In) | Minimum Creepage Distance (L) |
|---------------|--------------------|-----------------------------------|--|-------------------------------|
| | kVrms | kVrms | kVmax | mm |
| ASI 18 | 24.0 | 18.0 | 73.0 | 400 |

Characteristics

| | |
|---------------------------|----------|
| Rated Frequency | 48 -62Hz |
| Operating Conditions | Normal |
| Nominal Discharge Current | 10kA |
| Line Discharge Class | 1 |

Loading Capability

| | |
|--------------------------------|------|
| Nominal Tensile Strength (SML) | 70kN |
|--------------------------------|------|

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The manufacturer operates a policy of continual development and therefore specifications in this publication are subject to change without prior notification.

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