



Performance Specifications

- Surge Capacity (L-N, L-G)
80kA/phase
(*See Voltage Options on Reverse)
- **UL 1449 Second Edition Revision Listed (UL 1449 Rev '2.5' Listed)**
- UL 1283 Fourth Edition Listed
- UL Listed to Canadian safety standards
- UL 1449 Listed 200kA SCCR
- 200KAIR Rated Fusing
- Less than ½ Nanosecond Response Time
- 5000 Category C3 (C High) Impulses with <10% Drift

Environmental Specifications

- Relative Humidity Range: 0 - 100% Suitable for Indoor and Outdoor Applications
- Operating Frequency: 47 - 400 Hz
- Operating Temperature: -40° C (-40° F) to +60° C (+140° F)

Standard Configuration

- NEMA 4X Non-Metallic Standard Enclosure
- Standard Size: 8" x 3" x 3"
- Weight: 4 Lbs.

Design Features

- Designed, Manufactured, & Tested consistent with:
 - IEEE C62.41.1-2002, C62.41.2-2002, and C62.45-2002
 - ANSI/IEEE C62.41-1991 and C62.45-1992
 - NEMA LS-1
 - NEC 285.6
- High Energy Parallel Design for Category C3 applications, the highest exposure to surge activity
- For External Mounting next to Switchgear, Motor Control Centers, or Panelboards
- Thermal Cutout
- Typical connection: #12 AWG Pre-wired at the Factory and 20A Breaker
- Solid State Bi-directional
- LEDs to Indicate Loss of Protection or Circuit Fully Operational

Quality

- 10 Year Warranty
- Burn-in Tested Prior to Shipment
- Short Circuit Current Rating 200,000 rms Symmetrical Amperes (UL Listed)
- ISO 9001:2000 Quality Management System

TE/(x)C/(zz)/M

x = Voltage Code, zz = Options

Model	Service Voltage	UL 1449 Suppressed Voltage Rating (SVR)			MCOV
		L-N	L-G	L-L	
TE/1C	240V/120 Split Phase	400	400	700	150
TE/11C	120V Single Phase	400	400		150
TE/12C	240V Single Phase	800	800		275
TE/2C	208Y/120V Three Phase, WYE	400	400	700	150
TE/3C	240V/120V Three Phase, High-Leg, DELTA	400/800	400/800	700/1200	150/275
TE/4C	480Y/277V Thre Phase, WYE	900	900	1500	320
TE/5C	480V Three Phase, DELTA		1500	1800	575
TE/6C	240V Three Phase, DELTA		800	1000	275
TE/7C	380Y/220V Three Phase, WYE	900	900	1500	320

Ordering information for Optional Features should be appended to the model number and separated by a slash(/).
Example: TE/2C/FM/M

Available Options:

- /NG** Adds Neutral to Ground Gas Tube (40kA) (Not Available on Voltages 5, and 6)
- /FM** Flush Mount Option replaces the standard surface mount
- /DC** Dry Contacts monitor each phase providing a summary alarm
- /RI** Remote Indicator Option provides a single LED that can be remotely installed to show Go/No-Go status