Features:
- UL 1449 Fourth Edition Listed
- 50kA 8 x 20µs
- All UL required OCP & Safety Coordination included inside
  - Type 1 SPDs intended for Line or Load Side of Main Disconnect
  - Type 2 SPDs intended for Load Side of Main Disconnect
- 200kA SCCR (most models)
- All UL-required OCP & Safety Coordination Included Inside
- Voltage Specific Design: Performs better than ‘one-size fits all’
- Tri-Mount Installation for more mounting flexibility:
  - Same unit mounts on Pipe Nipple, Bracket or DIN-Rail
- Visual Diagnostics: Easy to See; Easy to Understand

Performance Specifications:
- 50kA 8 x 20µs Per Mode
- UL 1449 tested Innominal: 20kA (highest available) + 10kA
- UL 1449 tested SCCR: 200kA (most models)
- Large-Block, 34mm square, 50kA MOVs
- Individually Fused & Thermally Protected MOVs
- UL 1449 Voltage Protection Ratings (VPRs):
  - 600V for 120V, 120/240, 208Y/120
  - 1000V for 277V, 480Y/277V
- Repetitive Impulse: 5000 - 3kA - 8 x 20µs; 1000 - 10kA - 8 x 20µs
- Data table on backpage

Physical Specifications:
- Relative Humidity Range: 0 - 95% non-condensing
- Operating Frequency: 47 - 63Hz
- Peak Operating Temperature: +85°C (185°F)
- Typical Operating Temperature: +40°C (+104°F) to +60°C (140°F)
- Response Time: < 1 nanosecond
- Solid State Bi-directional Operation
- NEMA 4X Polycarbonate Enclosure—UL746C(f1), UL 94-5VA
- Pre-wired with 3' (1m) of #10 AWG conductor
- Typical Type 2 Connection: #10 AWG to 30A breaker

Options
- N-G protection
- Dry Contact & Audible Alarm
- Dry Contact connection leads exit through nipple via #18 AWG
- Other configurations available for OEM - Call

Green = Go  Visual Diagnostic Monitoring
- Green LED = A-OK, Out = replace
- LED Visible from Multiple Sides & Angles - Better Viewing
- Every MOV is Monitored as opposed to ‘power is present’

Tri-Mount Installation

Quality, Standards & Validation
- 2 year warranty (longer optional)
- Type 1: UL 1449 Fourth Edition, CSA 22.2 No. 269.1
- Type 2 (Opt.): UL 1449 Fourth Edition, CSA 22.2 No. 269.2
- NEMA LS-1
- IEC 61643, CE
- Burn-In tested prior to shipment
- ISO 9001:2008 Certified Quality Management System
- ISO 17025:2005 Certified Test Lab
- RoHS-compliant

Special Thank You to NASA/SATOP for design assistance & validation
Form C Dry Contact: Three (3) #18 wires exit the pipe nipple
Gray is Common, Red is Normally Open, Blue is Normally Closed
- Normally Open: Use Gray & Blue
- Normally Closed: Use Gray & Red

Audible Alarm: Alarm sounds when any protection is lost (if diagnostic LED extinguishes (i.e. problem), alarm will sound)