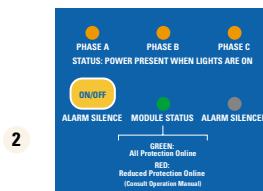


Whether you choose an all-MOV configuration or an MOV/SAD hybrid, every SurgeBan is equipped with unmatched features for convenience and reliability.



Electrical

Overall system

- Connection method: parallel. Requires upstream overcurrent protection device.
- Simple, two-pin connector on each module eliminates the inconvenience of internal control wiring. **1**
- All-mode protection: Ensures 100% protection by safeguarding all electrical modes, as applicable (line-to-neutral; line-to-ground; line-to-line; neutral-to-ground).
- Surge current capacity: Choice of 50kA, 100kA, 200kA or 400kA per phase.
- Status indicator lights (front-panel): Commercial power status (amber/power on) and suppressor status (green/protection available; red/replace module). **2**
- Copper terminals provide robust module-to-module connectivity. **3**

Monitoring options

- Form “C” relay contacts: Enable time-saving, remote monitoring of the suppressor status and commercial power status.
- Audible alarm with silence switch: Sounds when any module requires replacement.
- Surge Counter: Eight-digit counter displays cumulative number of surges the product has suppressed. **4**

Modules

- Fail-safe, color-coded modules. **5**
- Back-up MOV protection: 20kA back-up for each MOV module ensures continuous protection.
- Individual thermal cut-off on each MOV.
- Individual thermal cut-off on each SAD array.
- Status indicator lights (bicolor): Green indicates protection is available. Red indicates module replacement is required. **6**
- Filtering attenuation frequency: 50dB at 100KHz and 47kB at 100MHz.

Mechanical

High-impact enclosure: NEMA 4X nonmetallic enclosure is available in five compact sizes (see page 17 for details). Metal enclosures are available by special order.

Operating environment

Ambient temperature: -40°C to +70°C (-40°F to +160°F)
 Humidity: 5% to 95% (noncondensing)
 Altitude: 16,000 ft. (5,000M)

10-year and extended warranties

- See warranty for details.
- Five-year extended warranty available for 15 years total coverage.