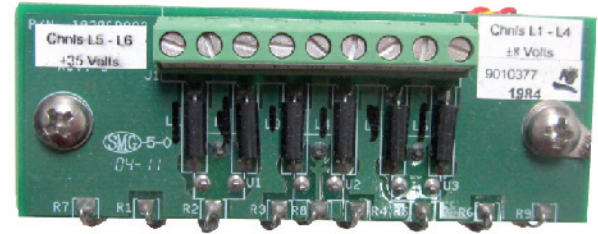


System Protection Module

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Meter, Valve & Control
877-566-3837

The **System Protection Module** protects the system from external transients by providing a "specific path" for currents to flow to ground in the case where the pipeline potential exceeds the normal utility ground. The SPM provides a convenient and safe path for excessive current to flow to ground bypassing the sensitive electronic circuitry in the RTU or other electronic device.



- Six Channel protection in one module
- Four Stages of protection. Inductance, Capacitance, High Energy Clamp, Fast Second Stage lower energy Clamp
- Physical layout of dual circuit board design keeps high energy and protected low energy components isolated. Energy dissipating resistors connect the stages of the two boards.
- Manufactured in a standard 3/4" PVC conduit fitting. Makes installation easier. Installs in the conduit going to the equipment. Right, Left, and Straight through versions available.
- Available in Panel Mounted and Expansion Rack versions
- Pluggable pigtail allows easy wiring termination on the equipment side.
- Terminal screws for field termination.
- UL approval for use in intrinsic safe circuits.
- Multiple Versions available including RS232, transducers and High Speed Devices.

Common SPM's (System Protection Module)

- System Protection Module Folded (6 Channel) 8V, 35V, or 200V
- System Protection Module Flat (6 Channel) 8V, 35V, or 200V
- System Protection Module DIN Rail (6 Channel) 8V, 35V, or 200V
- 9000020 SPM I/O Protection Module Straight Through Conduit Body w/ UL Label "C" (6 Channel)
- 9000021 SPM I/O Protection Module LEFT Conduit Body w/ UL Label "LL" (6 Channel)
- 9000022 SPM I/O Protection Module RIGHT Conduit Body w/ UL Label "LR" (6 Channel)
- 9010075 SPM 6 Channels @ 35V
- 9010150 SPM 6 Channels @ 35V, Terminals on Both Sides, MTA
- 9010115 SPM 4 Channels @ 35V & 2 Channels @ 200V
- 9010377 SPM 4 Channels @ 8V & 2 Channels @ 35V
- 9010365 SPM 6 Channels @ 200V

