

## Lightning Surge Protectors

### M-System Lightning Surge Protectors absorb only the lightning surges with no interruption of the instrumentation signal

- Protects sensor, signal and power lines
- Can be removed and tested without disconnecting wires
- Superior protection and selection across a wide range of applications including:

4-20 mA & pulse signal  
Thermocouple  
RTD  
Potentiometer  
Strain gauge  
Frequency generating devices  
Telemetry devices  
RS-485 / RS-422  
Ethernet, DeviceNet, PROFIBUS, LONWORKS  
AC/DC Power supply lines (1 amp up to 30 amps)



#### MDP-24-1

- 4-20 mA & pulse signals
- UL listed
- CE marking



#### MDM2A-24

- 4-20 mA & pulse signals
- Life monitor
- Alarm output
- CE marking



#### MD6 Series **NEW**

- 4-20 mA & pulse signals
- Directly mountable to the cable conduit of two-wire transmitters and other field devices in an outdoor enclosure
- CE marking



#### MA-100 / MA-200

- 120 Vac / 240 Vac power supply lines
- 2 amps
- Fuse provided for supplementary protection
- CE marking



#### MAA-100 / MAA-200 MAAC-100 / MAAC-200

- 120 Vac / 240 Vac power supply lines
- 5 amps
- Life monitor
- Surge counter function
- CE marking



#### MAKF **NEW**

- One-port surge protector connected in parallel between the power and ground lines regardless of load current
- Varistor discharge element has a high speed response without follow current
- Alarm output



### Model MDPA-24 Lightning Surge Protector with Life Monitor **NEW**

- Designed specifically for 4-20 mA and pulse signal line including 4-wire/2-wire transmitters.
- Battery powered life monitoring system includes a 'Test' button with indicators alerting panel inspectors of the surge protector's 'health.'
- Upgrades M-System's MDP-24-1 to the life monitor type simply by replacing the pluggable element module with one for the MDPA-24.

