

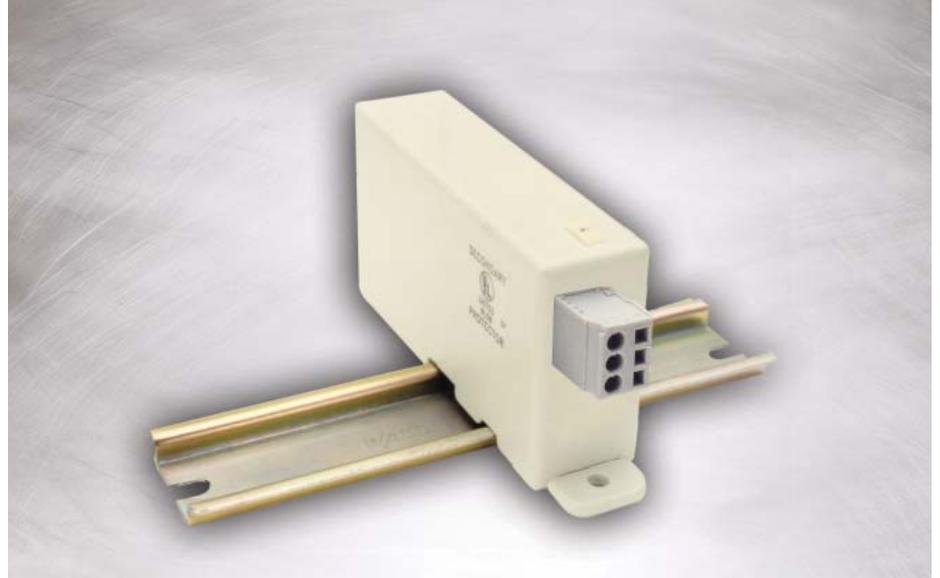


technical spec sheet

## ZoneBarrier ZB24580

Protects 24Vdc or ac power interfaces from transients caused by direct or indirect lightning strikes.

- High energy Metal Oxide Varistors (MOVs) combined in a network
- Three stage hybrid
- Mounting on standard 35mm DIN rail or to any flat surface for standalone applications
- Tested to IEC801-5, CCITT K17
- 10 year product warranty



### Specifications

<b>Circuit Type:</b>	Parallel high energy MOV
<b>Lines Protected:</b>	2 + G
<b>Connectors:</b>	3 Pos. Pluggable Terminal Strip
<b>Surge Capacity:</b>	10,000A 8/20 impulse per line 10,000A 8/20 shield to ground
<b>Let-through Voltage:</b>	87V @ 5kV (10/700 $\mu$ s) CCITT K17 100V @ 1kA, 8/20 $\mu$ s
<b>Clamping Voltage:</b>	<34Vac/47Vdc
<b>Rated Voltage:</b>	24Vdc or ac
<b>Max. Continuous Operating Voltage (MCOV):</b>	30Vac / 38Vdc
<b>Max Leakage Current:</b>	5 $\mu$ A @ rated Voltage
<b>Max Load Current:</b>	10A
<b>Max Inline Resistance:</b>	0 Ohms
<b>Ambient Temperature Limits:</b>	-40° C to +85° C (-40° F to +185° F)
<b>Humidity:</b>	95% RH (non-condensing)
<b>Response Time:</b>	<1nS
<b>Bandwidth:</b>	N/A
<b>Case Dimensions:</b>	5.1" x 2.3" x 1.0" overall (12.95mm x 5.8mm x 2.54mm)

[www.mtl-inst.com](http://www.mtl-inst.com)

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