

**Specifications**

**Clamping Voltage (Stage One):**  
72 V DC minimum, 108 V DC maximum

**Series Resistance (Stage Two):**  
2.7 ohm

**Clamping Voltage (Stage Three):**  
14.3 V minimum, 15.7 V maximum

**Temperature:**  
Operating Range: 0°F to 122°F (-18°C to 50°C)

**Clamping Time:**  
Less than 5 x 10<sup>-9</sup> seconds

**Connectors:**  
Five-position terminal blocks

**Dimensions:**  
Approximately 4.5 L x 3.3 W x 1.8 in H (114.3 L x 83.8 W x 45.7 mm H)

**Weight:**  
Approximately 0.42 lb (0.19 kg)

**Approvals:**  
CE marked

**Warranty:**  
One-year limited warranty



**Standard Features**

- Two metal mounting brackets
- Three stages of protection: Gas discharge tube, series resistor and transient voltage suppressor (TVS)
- Two terminal posts for ground
- RS-232 high energy surge protector
- Terminal blocks for transmit, receive, request to send, clear to send and signal ground
- Safe for use with computers and PLCs

**Approvals**  
CE

**Applications**

- Indicators
- Remote displays
- Printers
- Computers
- PLC

**Part number/Price**

Part #	Description	Weight	Price
69201	RS-232 transient serial protection TP232 high energy surge protector	1.0lb	\$175.00

**Options/Accessories**

Part #	Description	Price
17778	12 in ground strap, copper braid	\$14.00
17781	24 in ground strap, copper braid	\$18.00
69516	Additional installation manual	\$6.00

