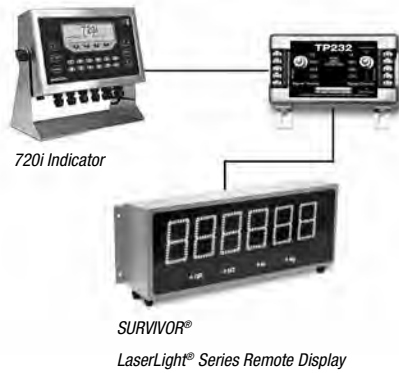


## Specifications

- Clamping Voltage (Stage One):**  
72 VDC minimum, 108 VDC maximum
- Series Resistance (Stage Two):**  
2.7 ohms
- Clamping Voltage (Stage Three):**  
14.3 V minimum, 15.7 maximum
- Clamping Time:**  
Less than 5 x 10<sup>-9</sup> seconds
- Connectors:**  
Five position terminal blocks
- Dimensions:**  
Approximately (L x W x H) 4.5 x 3.3 x 1.8 in  
(114.3 x 83.8 x 45.7 mm)
- 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



## Part number/Price

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

## Options/Accessories

| Part # | Description                      | Price   |
|--------|----------------------------------|---------|
| 17778  | 12 in ground strap, copper braid | \$12.00 |
| 17781  | 24 in ground strap, copper braid | \$16.00 |
| 69516  | Additional installation manual   | \$6.00  |