

TP232 RS-232

Serial Surge Protector

POWER
CONDITIONING



Approvals



Part Number/Price

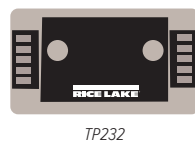
Part #	Description	Est. Weight	Price
69201	RS-232 transient serial protection TP232 high energy surge protector	0.42 lb	Consult

Options/Accessories

Part #	Description	Price
17778	12 in ground strap, copper braid	Consult
17781	24 in ground strap, copper braid	Consult
69516	Additional installation manual	Consult



1280 Enterprise Indicator



TP232



LaserLight3 Remote Display

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
- Also works with RS-485, RS-422 and 20 mA

Applications

- Indicators
- Remote displays
- Printers
- Computers
- PLC

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

Clamping Time:

Less than 5 <10-9 seconds

Temperature:

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

Connectors:

Five-position terminal blocks

Dimensions:

(L × W × H)
Approximately 4.5 × 3.3 × 1.8 in

Warranty:

One-year limited

Approvals:

CE