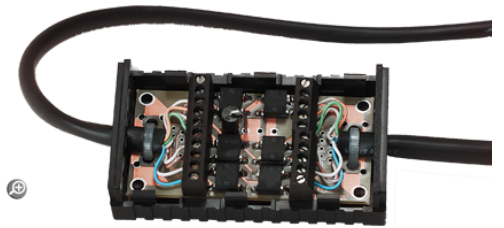


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## Industrial RS-232, 422, 485 Port Protectors

### Connect-IT 520 Flexible Surge Protectors with Terminal Strips



**Connect** ⇌ **IT**  
*Create the Surge Protector You Need for Just About Any "Odd Ball" Interface*

### Overview

The Patton EPG TS Series lets you design your own "custom" surge protector to fit just about any 2, 4, 6, 8 or 10 wire application. How does it work? First you specify the number of lines you need protected. Then you specify the clamping voltage (ex. 18V for RS-232, or 7.5V for RS-422, RS-485, Token Ring or Ethernet) that is optimum for your application. Each surge protector comes with input/output terminal strips and strain relief straps. Simply attach your stripped wires to the surge protector and terminate the ends with whatever connectors you choose.

The TS Series provides reliable, transparent protection at data rates up to 20 Mbps, so you can be confident using these protectors in a

### Features

- Choose from 2, 4, 6, 8 or 10-Wire Terminal Strip Configurations
- Clamping Voltages for RS-232, RS-422, RS-485, Token Ring or Ethernet
- Supports Async or Sync Data Rates up to 20 Mbps
- Strain Relief Straps Hold Wires Firmly in Place
- Surge Handling Capacity of 1500 Watts
- Surge Energy Diverted to Ground through Braided Metal Strap
- Screw Terminals or "Quick Connect" Terminals Available (18 - 28 AWG)
- **Made in the USA** — This Patton equipment is designed by Patton engineers and built in our Gaithersburg, Maryland facility.

wide variety of LAN, WAN and datacom environments. Surge energy is intercepted by a solid state hybrid circuit and diverted safely to chassis ground through a braided metal strap. The TS Series can handle repeated surge "hits" up to 1.5 k Watts without degrading in performance.

Patton's American-made manufacturing process delivers high-quality networking solutions with reliability you can trust.

## Highlights

**Build it yourself - or have us construct it for you.**

*Either way, we can supply your custom surge protector!*

Yes, it's true that Patton EPG manufactures a wide assortment of data line surge protectors - and we're designing new protectors all the time. But there will always be that one surge protector we haven't thought of yet. If that one happens to be the one protector you need, take heart! Now you can design your own custom surge protector using our TS Series as the foundation.

Here's two ways to end up with a custom surge protector: Option One - order your TS Series "base unit" (with the correct number of leads and clamping voltage), then attach the cables and connectors yourself. Option Two - call Patton EPG sales with a description of the interface you want to protect. Tell us the number of leads, type and gender of the connectors, maximum transmit voltage and cable lengths, and we'll quote you a great price on a ready made custom surge protector! Now there's no excuse for being a surge casualty.

**Build a Protector with these Connectors:**

Mini Din 8

Din 6

Molex®

Berg®

HD-15 High Density

Digital MMJ

IEEE 488

Your Special Connectors

Why buy more surge protector than you need?

Our TS Series lets you specify the right number of protected leads for your application. Or you can order a protector with extra leads to cover future requirements.

# Ordering

| #  | Model #   | Description   | Availability  |
|----|-----------|---|---------------|
| 1  | 521/25-TS | Surge Protector,10 Wire,Terminal Strip, 18V Clamping Voltage  | Special Order |
| 2  | 521/6-TS  | Surge Protector,10 Wire,Terminal Strip, 7.5V Clamping Voltage | Special Order |
| 3  | 522/25-TS | Surge Protector,2 Wire,Terminal Strip, 18V Clamping Voltage   | Special Order |
| 4  | 522/6-TS  | Surge Protector,2 Wire,Terminal Strip, 7.5V Clamping Voltage  | Special Order |
| 5  | 524/25-TS | Surge Protector,4 Wire,Terminal Strip, 18V Clamping Voltage   | Special Order |
| 6  | 524/6-TS  | Surge Protector,4 Wire,Terminal Strip, 7.5V Clamping Voltage  | Special Order |
| 7  | 526/25-TS | Surge Protector,6 Wire,Terminal Strip, 18V Clamping Voltage   | Special Order |
| 8  | 526/6-TS  | Surge Protector,6 Wire,Terminal Strip, 7.5V Clamping Voltage  | Special Order |
| 9  | 528/25-TS | Surge Protector,8 Wire,Terminal Strip, 18V Clamping Voltage   | Special Order |
| 10 | 528/6-TS  | Surge Protector,8 Wire,Terminal Strip, 7.5V Clamping Voltage  | Special Order |

| Item Number   | Item Description                   | Price  |
|---|------------------------------------|--|
| SVC-SmartCare-BH<br>(/support/support.asp)                | Premium Support for Business Hours | Contact us<br>(/howtobuy/) for<br>availability<br>and pricing. |
| SVC-SmartCare-24/7<br>(/support/support.asp)              | Premium Support, 24 x 7 Coverage   | Contact us<br>(/howtobuy/) for<br>availability<br>and pricing. |
| SVC-SmartAssist-BH<br>(/support/support-professional.asp) | Business Hour Support Services     | Contact us<br>(/howtobuy/) for<br>availability<br>and pricing. |
| SVC-SmartAssist-AH<br>(/support/support-professional.asp) | After Hours Support Services       | Contact us<br>(/howtobuy/) for<br>availability<br>and pricing. |
| SVC-ENHWAR1<br>(/support/support-warranty.asp)            | 1 Year Enhanced Warranty           | Contact us<br>(/howtobuy/) for<br>availability<br>and pricing. |

|  |   |  |
|--|---|--|
| SVC-ENHWAR2<br>(/support/support-warranty.asp)         | 2 Year Enhanced Warranty  | Contact us<br>(/howtobuy/) for availability and pricing. |
| SVC-ENHWAR3<br>(/support/support-warranty.asp)         | 3 Year Enhanced Warranty  | Contact us<br>(/howtobuy/) for availability and pricing. |
| SVC-ENHWAR4<br>(/support/support-warranty.asp)         | 4 Year Enhanced Warranty  | Contact us<br>(/howtobuy/) for availability and pricing. |
| SVC-ENHWAR5<br>(/support/support-warranty.asp)         | 5 Year Enhanced Warranty  | Contact us<br>(/howtobuy/) for availability and pricing. |
| SVC-EXTWAR2<br>(/support/support-warranty.asp)         | 2 Year Extended Warranty  | Contact us<br>(/howtobuy/) for availability and pricing. |
| SVC-EXTWAR3<br>(/support/support-warranty.asp)         | 3 Year Extended Warranty  | Contact us<br>(/howtobuy/) for availability and pricing. |
| SVC-EXTWAR4<br>(/support/support-warranty.asp)         | 4 Year Extended Warranty  | Contact us<br>(/howtobuy/) for availability and pricing. |
| SVC-EXTWAR5<br>(/support/support-warranty.asp)         | 5 Year Extended Warranty  | Contact us<br>(/howtobuy/) for availability and pricing. |
| SVC-NETENG-HOUR<br>(/support/support-professional.asp) | Network technician hour rate for pre-config services, after hours support, etc. | Contact us<br>(/howtobuy/) for availability and pricing. |

## Backgrounders

FiberPlex Capabilities Guide

(/backgrounders/FiberPlex\_Capabilities\_Statement.pdf)

October 6, 2017

## Certifications

Declaration of Conformity - Data Communication Devices: Baluns, Data Taps, Surge Protectors, Pocket Testers, Isolators, Modem Eliminators, Adapters, Gender Changers (/certifications/00111D1-001E.pdf)

February 12, 2015

## Data Sheets

Patton Product Life Cycle Color Codes (/datasheet/Life-Cycle-Availability-Codes.pdf)

April 24, 2015

## Product & Solution Guides

Enterprise Networking Products Guide (/guides/07MENTNET-PG-Io.pdf)

November 10, 2010

## User Manuals & Configuration Guides

BroadSoft Configuration Guide for SmartNode SmartWare

(/manuals/BroadSoft\_PartnerConfigGuide\_Patton\_SmartNode.pdf)

December 2, 2013

Model 52X Manual (/manuals/52x.pdf)

December 21, 1996

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- > Other Network Extenders (/products/network-connectivity/#13)
- > Defense/Security Fiber Communication (/products/network-connectivity/#22)
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- > Surge Protection (/products/network-connectivity/#1)
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- > PoE Products (/poe/#products)
- > xDSL Products (/xdsl/#products)
- > Routers (/router/#products)
- > Dial-Up Access (/dial-up/#products)
- > Sunset Products (/products/sunset-products.asp).

Opto-Isolators  
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## Special Projects Group (SPG)

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