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Industrial RS-232, 422, 485 Port Protectors

Connect-IT 510 Modular 4/8 Line RJ-11, RJ-45, RJ-48 Surge Protectors



Connect-IT

4, 6 and 8 Wire Modular Surge Protectors for RS-232 and RS-422 Applications

Overview

The Patton EPG Model 510 and 512 surge protectors let you choose 4 or 8 wire protection for either an RS-232 or RS-422 modular interface. These ultra-miniature protectors fit almost anywhere and handle transient surges up to 600 watts per wire. Harmful surge energy is diverted safely to chassis ground using a built-in braided metal strap. Should these protectors encounter a severe surge above their rated capacity, they will divert all voltages to ground. This means that the surge protector will sacrifice itself to protect the network.

Important Information

When ordering a Model 510, 511 or 512, we ask you to provide us with two pieces of vital information:

1. Whether your application is 4-wire (RJ-11), 6-wire (RJ-12) or 8-wire (RJ-45)
2. Whether your application is RS-232 (clamps at 18V) or RS-422 (clamps at 7.5V)

Features

- Model 510 Protects Four Wires on the RJ-11 Connector (Combined Surge Handling of 2400 Watts)
- Model 512 Protects Eight Wires on the RJ-45 Connector (Combined Surge Handling of 4800 Watts)
- Heavy Braided Ground Strap Diverts Surge Energy to Frame Ground
- Clamping at 18 Volts for RS-232 and 7.5 Volts for RS-422
- "Fail Safe" Design Guards Hardware in Case of Severe Surge
- **Made in the USA** — This Patton equipment is designed by Patton engineers and built in our Gaithersburg, Maryland facility. Patton's American-made manufacturing process delivers high-quality networking solutions with reliability you can trust.

Ordering

#	Model #	Description	Availability
1	510/25	4 LINE MODULAR S. PROT. RS-232	Special Order
2	510/6	4 LINE MODULAR S. PROT. RS-422	Special Order
3	512/25	8 LINE MODULAR S. PROT. RS-232	Special Order
4	512/6	8 LINE MODULAR S. PROT. RS-422	Special Order

Item Number	Item Description	Price
SVC-SmartCare-BH (/support/support.asp)	Premium Support for Business Hours	Contact us (/howtobuy/) for availability and pricing.
SVC-SmartCare-24/7 (/support/support.asp)	Premium Support, 24 x 7 Coverage	Contact us (/howtobuy/) for availability and pricing.
SVC-SmartAssist-BH (/support/support-professional.asp)	Business Hour Support Services	Contact us (/howtobuy/) for availability and pricing.
SVC-SmartAssist-AH (/support/support-professional.asp)	After Hours Support Services	Contact us (/howtobuy/) for availability and pricing.
SVC-ENHWAR1 (/support/support-warranty.asp)	1 Year Enhanced Warranty	Contact us (/howtobuy/) for availability and pricing.
SVC-ENHWAR2 (/support/support-warranty.asp)	2 Year Enhanced Warranty	Contact us (/howtobuy/) for availability and pricing.
SVC-ENHWAR3 (/support/support-warranty.asp)	3 Year Enhanced Warranty	Contact us (/howtobuy/) for availability and pricing.
SVC-ENHWAR4 (/support/support-warranty.asp)	4 Year Enhanced Warranty	Contact us (/howtobuy/) for availability and pricing.

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

Backgrounders

FiberPlex Capabilities Guide (/backgrounders/FiberPlex_Capabilities_Statement.pdf)	October 6, 2017
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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
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Data Sheets

Patton Product Life Cycle Color Codes (/datasheet/Life-Cycle-Availability-Codes.pdf)	April 24, 2015
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Product & Solution Guides

Enterprise Networking Products Guide (/guides/07MENTNET-PG-lo.pdf)	November 10, 2010
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User Manuals & Configuration Guides

BroadSoft Configuration Guide for SmartNode SmartWare (/manuals/BroadSoft_PartnerConfigGuide_Patton_SmartNode.pdf)	December 2, 2013
Model 510, 511 & 512 Manual (/manuals/510.pdf)	January 16, 1996

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