



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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Fused RS-422/485 Surge Protector

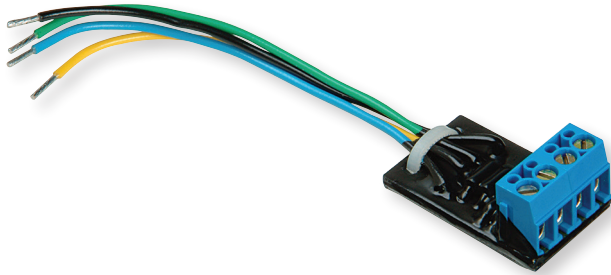
Model 485FPP

B+B SMARTWORX

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PRODUCT FEATURES

- Protects RS-422 or RS-485 ports
- 600W serial circuit surge suppression
- 125 mA fast-acting PCB fuses
- Simple in-line installation
- One time use, disposable unit

Single stage surge protectors offer a high degree of protection with Transient Voltage Suppressors (TVS) for each protected line.

Model 485FPP has 600W Transient Voltage Suppressors to clamp voltages without adversely affecting normal RS-422/485 data. Fast-acting 125 mA PCB fuses to protect RS-422 and RS-485 circuits against transient voltages that are too long or too large for normal suppression.

The 485FPP has 4 wires and terminal blocks for easy installation inline between the data cables – as close as possible to the serial port. Once a fuse is blown, the unit should be disposed and replaced.

ORDERING INFORMATION

MODEL NUMBER	PROTECTION	CONNECTORS	LINES PROTECTED
485FPP	RS-422/485 (disposable, fused)	Terminal Blocks (4) wire leads	(4) RS-422/485 data lines

RELATED PRODUCTS

485HESP - RS-485 Surge Protector

485OP - RS-485 Optical Isolator

SPECIFICATIONS

SERIAL TECHNOLOGY	
Connectors	Terminal blocks RS-422/485: (4) wire leads
SURGE SUPPRESSION	
Surge Suppressors	7.5 Volts, bi-directional avalanche breakdown device
Clamping Voltage	< 1 x 10 ⁻¹² seconds, theoretical
Fuses	125 mA fast-acting type
Peak Power	500 Watts dissipation
Series Resistance	7.2 Ohms, maximum
Capacitance	6,000 picofarads, maximum
Installation	In-line
Weight	0.05 lbs (22.7 g)
ENVIRONMENTAL	
Operating Temperature	0 to +70 °C (+32 to +185 °F)
Storage Temperature	-40 to +85 °C (-40 to +185 °F)
Operating Humidity	0 to 95% Non-Condensing
APPROVALS / CERTIFICATIONS - 485FPP	
FCC Part 15, CISPR, EN 55022: 2010 + AC:2011 Class A Emissions	
CE	
EN 61000-6-1 - Generic Standards for Residential, Commercial and Light-Industrial Environments	

All product specifications are subject to change without notice.

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