

Product Information for:

Model #

FA60(192) & FA60NC Data Loop Surge Protectors

The PSI Power ProTM FA60(192) and FA60NC data loop line surge protectors have been designed to protect sensitive fire alarms & data lines (4-20ma) from lightning and other surges induced on the loop lines. These TVSS devices are 4 stage low voltage surge suppressers take advantage of the latest technology available. PSI Power ProTM surge suppressers are designed and tested to ANSI/IEEE B3 Impulse standards that exceed by 900 times the UL 497 testing. The FA60(192) FA60NC are unlike other low voltage data line surge suppressers in both performance and surge withstand capability. This surge suppresser was developed specifically to protect low voltage data lines where 1 pair of lines needs maximum surge protection. Power ProTM surge suppressors are self-restoring after each surge within ratings.



Model FA60(192) Model FA60 NC

SPECIFICATIONS ELECTRONIC

Suppressor Type	Hybrid Series / Series
Suppression Stages	
Maximum Operating Voltage	36 Volts Maximum
Operating Current FA60(192)	
FA60NC	3.0 Amps
Typical Leakage Current	<5u Amps
Maximum Data Rate	28.8 Kbps
Operation Temperature	0 to 85 C
Lines Protected	
Maximum Surge Current (8X20 us)	3,000 Amps
Maximum Surge Voltage (1.2X50 us)	6,000 Volts
Capacitance	
Clamping Voltage	
Clamping Response Time	
Voltage	Voltage Sensitive
Pass Voltage Tested to ANSI/IEEE B3 Impulse	
FA60NC Power Dissipation (8X20us)	
UL 497 Listed	

SPECIFICATIONS MECHANICAL

Size (Includes Mounting Tabs & Terminals)	3"L x 1.5"H x 1.5"W
Connectors	Terminal Block
Case	Watertight
Mounting	Tabs

Model FA60(192) for use on all data lines with less than 750ma. (Examples) Pull Stations, Smoke Detector & Thermo. Model FA60 NC for use on all signal lines with less than 7 amps. (Examples) Horn, Bells, Strobe Lights.

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PSI surge protectors have a Lifetime Product Warranty. Please see warranty statement for complete product warranty information.