

# Data Line Protection

## MODEL

### 616 Series

**16 Port Rackmount Protection for  
RS232/ISDN/T1/DDS/Dial-Up/Modem/Fax/  
PoE Mode A/PoE Mode B/10/100/1000BASE-T**



### 632 Series

**32 Port Rackmount Protection for  
RS232/ISDN/T1/DDS/Dial-Up/Modem/Fax/  
PoE Mode A/PoE Mode B/10/100/1000BASE-T**



Transient surges can enter electronic equipment through any connection, not just the AC power line. Facilities with reliable AC power protectors can still experience surge-related system downtime. Transient surge energies from sources such as nearby lightning strikes, inductive load switching, ground loop currents, and electrostatic discharge are clamped by AC protectors into the shared communication ground, resulting in damage to expensive communication hardware. The 616 & 632 Series includes: 16 port or 32 port, 19" rack protectors as well as 16 or 32 port, 5" offset wall mounted option where 19" relay rack space is limited. A wide variety of communication interfaces are supported that include 1000BASE-T Ethernet, RS232, along with Power over Ethernet Mode A and Mode B. For Telco requirements, units offer protection for Dial-up, T1, DDS, ISDN and other leased line environments.

## SPECS

Model:	Application	Connectors	Pins Protected	Mounting / Height	Std. Clamp Voltage	Peak Pulse Current 10/1000µs
616-18V-8W*	RS232	RJ45/RJ45	All pins	Rack Mount / 2U	18 volts	60 AMPS
616-60V-8W*	ISDN/T1/DDS	RJ45/RJ45	All pins	Rack Mount / 2U	60 volts	50 AMPS
616-240V-2W*	Dial Up / Modem / Fax	RJ45/RJ45	Ctr 2 pins	Rack Mount / 2U	240 volts	75 AMPS
616-PoE-A*	PoE Mode A	RJ45/RJ45	All pins	Rack Mount / 2U	60 volts	50 AMPS
616-PoE-B	PoE Mode B	RJ45/RJ45	All pins	Rack Mount / 2U	Pins 1,2,3,6 7.5 volts Pins 4,5,7,8 60 volts	132 AMPS 50 AMPS
616-5.20*	Cable/Satellite	BNC/BNC	All pins	Rack Mount / 1U	90 volts	20k AMPS
616-CCTV	CCTV	BNC/BNC	All pins	Rack Mount / 1U	7.5 volts	132 AMPS
616-C6	1000BASE-T	RJ45/RJ45	All pins	Rack Mount / 2U	7.5 volts	100 AMPS
616-18V-8W-WM*	RS232	RJ45/RJ45	All pins	Wall Mount / 2U	18 volts	60 AMPS
616-60V-8W-WM*	ISDN / T1 / DDS	RJ45/RJ45	All pins	Wall Mount / 2U	60 volts	50 AMPS
616-240V-2W-WM*	Dial Up / Modem / Fax	RJ45/RJ45	Ctr 2 pins	Wall Mount / 2U	240 volts	75 AMPS
616-C6-WM	1000BASE-T	RJ45/RJ45	All pins	Wall Mount / 2U	7.5 volts	100 AMPS
616-PoE-A-WM*	PoE Mode A	RJ45/RJ45	All pins	Wall Mount / 2U	60 volts	50 AMPS
616-PoE-B-WM*	PoE Mode B	RJ45/RJ45	All pins	Wall Mount / 2U	Pins 1,2,3,6 7.5 volts Pins 4,5,7,8 60 volts	132 AMPS 50 AMPS
616-60V-8W-WM-FA	ISDN / T1 / DDS	RJ45/RJ45	All pins	Wall Mount / 1U	60 volts	50 AMPS
632-18V-8W-WM*	RS232	RJ45/RJ45	All pins	Wall Mount / 2U	18 volts	75 AMPS
632-60V-8W-WM*	ISDN / T1 / DDS	RJ45/RJ45	All pins	Wall Mount / 2U	60 volts	50 AMPS
632-240V-2W-WM*	Dial Up / Modem / Fax	RJ45/RJ45	Ctr 2 pins	Wall Mount / 2U	240 volts	75 AMPS
632-PoE-A-WM*	PoE Mode A	RJ45/RJ45	All pins	Wall Mount / 2U	60 volts	50 AMPS
632-PoE-B-WM*	PoE Mode B	RJ45/RJ45	All pins	Wall Mount / 2U	Pins 1,2,3,6 7.5 volts Pins 4,5,7,8 60 volts	132 AMPS 50 AMPS
632-C6-WM	1000BASE-T	RJ45/RJ45	All pins	Wall Mount / 2U	7.5 volts	100 AMPS

\* Not UL Listed

Response Time: <5 ns  
UL: UL497B Listed unless noted  
Warranty: 20-Year Warranty



-WM = Units can be Wall Mounted or Rack Mounted.  
-FA = Front Access data ports (easy replacement)

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