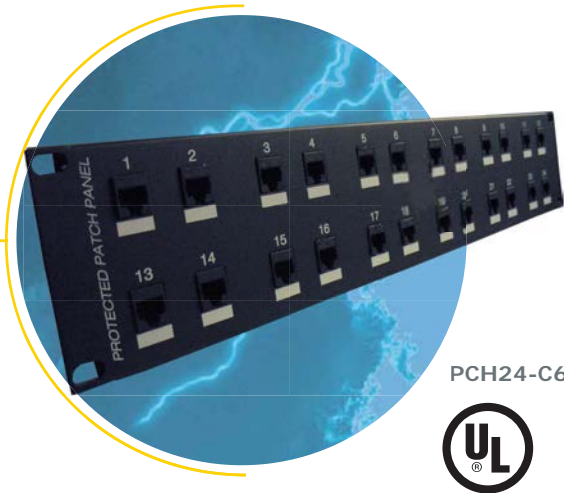




DC Signal Line Surge Protectors

PCH Series

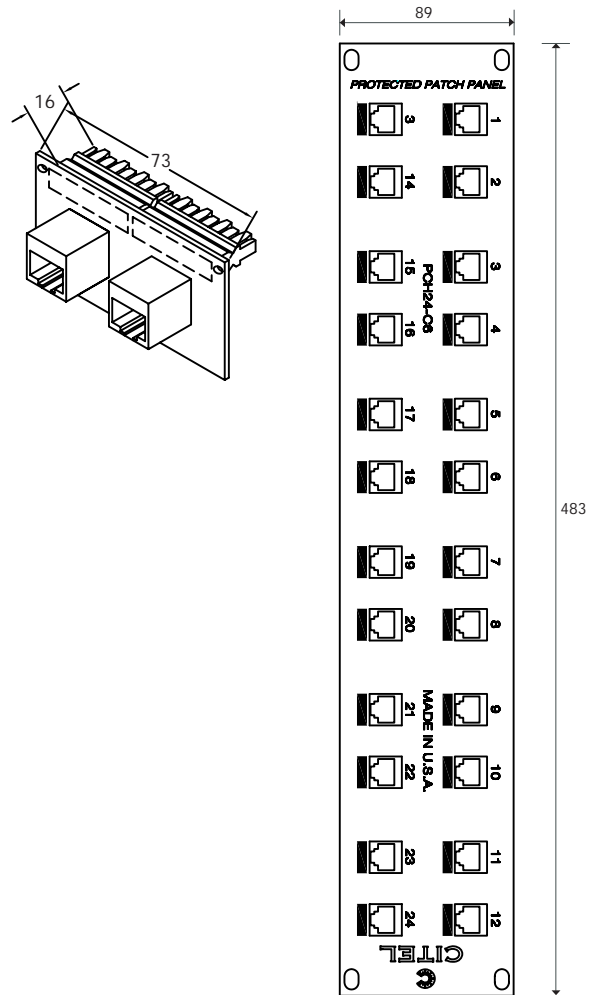


The PCH Series is 12, 24, and 48 port, 19" rack mounted protection units that feature 110 punchdown to RJ45 connectors. This series feature CAT6 and POE performance for today's high speed data networks. These products are also available in configurations that offer surge protection to Telco and ISDN circuits. All of these units exhibit an extremely fast response time of less than 5 nanoseconds.

All these features and more make CITEL PCH Series the perfect solution for insuring infrastructure integrity.

- Compact Form Factor
- High Speed, High Energy Handling capability
- Insures Network uptime and integrity
- Ability to protect almost every device that sends data over copper
- UL497B

Dimensions (in mm)



Characteristics

CITEL part number	PCHxx-C6	PCHxx-POE-A	PCHxx-POE-B	PCH12-RJ45-B	PCH12-RJ45-G
Max. data rate	1,000 Mbps	1,000 Mbps	1,000 Mbps	40 Mbps	40 Mbps
Max. DC Supply Voltage	7.5 Vdc	60 Vdc	Pin 1,2,3,6: 7.5 Vdc Pin 4,5,7,8: 60 Vdc	60 Vdc	240 Vdc
Max. DC Supply Current	750 mA	750 mA	750 mA	750 mA	750 mA
Peak Pulse Current (10/1000µs at Max DC Supply Voltage)	100 A	50 A	Pin 1,2,3,6: 132 A Pin 4,5,7,8: 50 A	50 A	75 A
Max. Shunt Capacitance	<8pF	<8pF (ethernet lines only)	<8pF (ethernet lines only)	<75pF	<95pF
Number of Ports available (xx)	12, 24 or 48	12, 24 or 48	12, 24 or 48	12	12
Applications	100/1000Base T CAT5/5E/6 Ethernet	Power over Ethernet, Mode A	Power over Ethernet, Mode B	ISDN T1 DDN	Dial-up Modem Fax
Connections: - Input - Output	110 Block RJ45 Female Connectors				
Pinout	8 wires per connector				
Installation	Flush Mount				
Ground Connection	Screw Lug or Mounting Flange				
Standard Compliance	UL497B IEEE 802-3af (transmission)				

Electrical Diagram

