

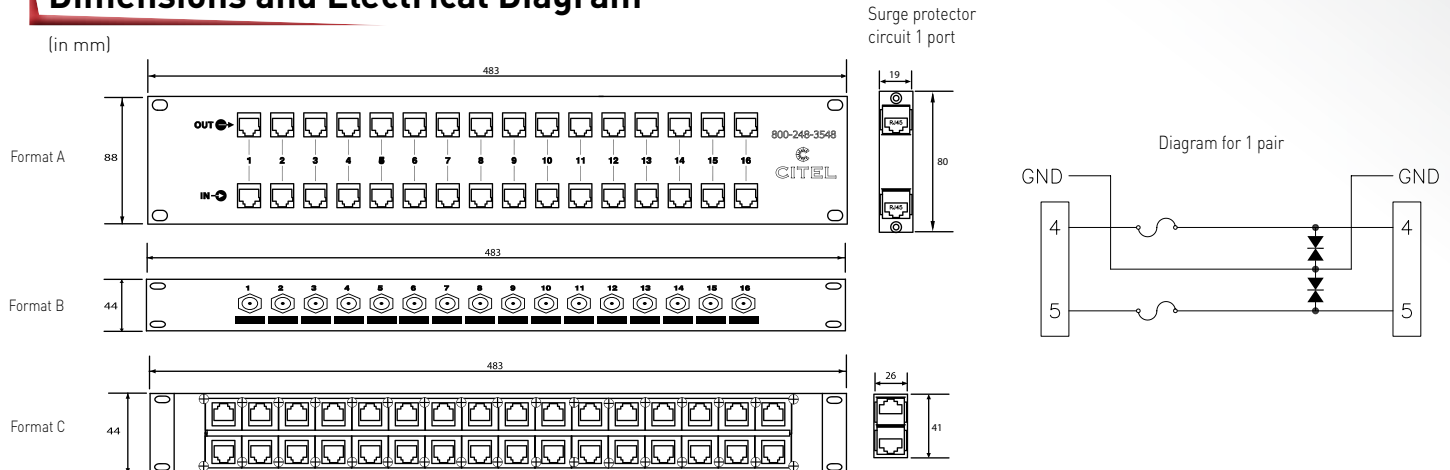
Dataline Surge Protectors

RAK Series



- **19" Rack Mounted Sure Protection Panel**
- **12, 24 or 48 Port Configurations**
- **Supports All Network Types**
- **RJ45, BNC, or F Type Connectors**
- **Designed for Individual Port Replacement**
- **UL497B Listed**

Dimensions and Electrical Diagram



Characteristics



CITEL Part Number	RAKxx-E-C5E RAKxx-E-C6	RAKxx-E-C6-60V	RAKxx-T	RAKxx-B	RAKxx-G	RAKxx-POE-A	RAKxx-POE-B	RAK16-BNC	RAK16-CMS
Application	100/1000BaseT RS422, RS485, RS423, Ethernet	High voltage Ethernet	RS232	RNIS	RTC ADSL	POE mode A	POE mode B	CCTV	Cable TV Satellite
Maximum Data Rate	1000Mbps	1000Mbps	100Mbps	40Mbps	40Mbps	100Mbps	1000Mbps	1000Mbps	1000Mbps
Maximum Supply Voltage	7.5Vdc	60Vdc	18Vdc	60Vdc	240Vdc	60 Vdc	Pin 1,2,3,6 : 7.5Vdc Pin 4,5,7,8 : 60 Vdc	7.5Vdc	90Vdc
Maximum Supply Current	750mA	750mA	750mA	750mA	750mA	750mA	750mA	750mA	750mA
Nominal Discharge Current (at 10/1000µs waveform)	132A (-C5E) 100A (-C6)	45A	60A	50A	75A	50A	Pin 1,2,3,6 : 132A Pin 4,5,7,8 : 50A	132A	20kA (8/20µs waveform)
Maximum Shunt Capacitance	<40 pF (-C5E) <8 pF (-C6)	<15 pF	<40 pF	<75 pF	<95 pF	<25 pF (Ethernet lines only)	<25 pF (Ethernet lines only)	<30 pF	<1 pF
Number of Ports (xx)	16 or 32	16 or 32	16 or 32	16 or 32	16 or 32	16 or 32	16 or 32	16	16
Stand-Off Option (for 16 ports)	yes	yes	yes	yes	yes	yes	yes	no	no
Diagram	A	A	A	A or C	A	A	A	B	B
Connection : - Input - Output	RJ45 female RJ45 female							BNC (female) BNC (female)	F (female) F (female)
Pin Out	8 wires per connector							N/A	N/A
Installation	Flush mount or stand off								
Ground Connection	Screw lug or Mounting flange								
Standard Compliance	UL497B IEEE 802-3af (transmission)								