



SC1B4D2P-B

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The SC1B4D2P-B device is designed to protect Pan/Tilt/Zoom (PTZ) security camera circuits. These devices are intended for installation near the equipment to be protected and mounted as close to the equipment as possible so as to allow for a common grounding point. Connection is accomplished by using the terminal strips and BNC connectors provided. A ground lug is located on the face of the unit to insure a low impedance ground discharge path.

The unique design of these devices makes them among the most versatile SPD devices on the market with superior performance specs and a warranty that is second to none.

GENERAL	
Description:	Series wired transient voltage surge suppressor with encapsulated Optimal Response Network™ circuitry for protection of data circuits.
Application:	Designed to protect pan/tilt/zoom cameras from damaging transients generated between terminals and equipment in the transmission system.
Warranty:	25 Years Unlimited Free Replacement
Unit Listing:	UL497B

MECHANICAL	
Enclosure:	Plastic, UL94-5VA
Mounting:	External mounting feet. DIN mounting feet (DIN option)
Connection Method:	Wire clamping box terminals located at the input and output sides of the device. Wire size: Lines #18-22 AWG, Ground #6-12 AWG. BNC connectors Input/Output
Shipping Weight:	< 2 lbs

CIRCUITRY	
Circuit Design:	Series wired hybrid design incorporating discrete all mode protection and utilizing our encapsulated Optimal Response Network™ design to provide lowest possible let-through voltages. All suppression circuits are encapsulated in our high dielectric compound to promote long component life and complete protection from the environment and/or vibration.
Protection Modes:	Dedicated protection components and circuitry for each mode. L-G, (Common Mode)

PERFORMANCE	POWER	VIDEO (BNC)	DATA
Maximum Continuous Operating Voltage:	30 VAC / 38 VDC	75 V	7.5 V
Maximum Continuous Operating Current:	5 A	500 mA	500 mA
Series Resistance:	0 Ohms	0 Ohms	5 Ohms
Maximum Data Rate:	N/A	1.4 GHz	2 MHz
Peak Surge Current per Pair:	10 kA L-G	10 kA L-G	10 kA L-G
Number of Lines:	2	1	4
Impedance:	N/A	75 Ohms	N/A

