

SOLUTIONS BY



MISSION CRITICAL FACILITIES
DESIGN AND CONSTRUCTION

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• 1 Year Warranty •



Data/ Signal Line Protection

CVS PC 642 Series

Features

- Three Stage Hybrid Technology
- Sneak/ Fault Current Protection
- Resettable Fusing- PTCs
- Low Capacitance Option
- Plug in Module & Require Base
- Fast Response Time
- CVS PC642PTU (Pass Thru Unit) Available for Troubleshooting
- Comes with one year warranty include labour and parts



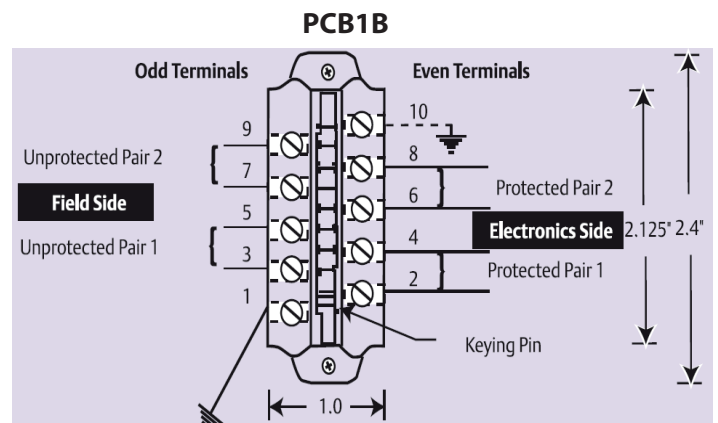
General Technical Specifications

The CVS PC642 Series is in a two-pair (four-wire); module implementing three-stage hybrid technology. The CVS PC642 card edge module is a gold-plated, double-sided, and is designed to mate with the PCB1B-WKEY gold-plated female terminal connector. When snapped together, the data circuits “pass thru” the protector in a serial fashion from the four “Field Side” terminals to the four “Electronics Side” terminals. In additions, sneak and fault currents are mitigated with resettable fuses (PTCs). The PTCs increase resistance several orders of magnitude when over-currents exceed safe levels.

Operating Voltage	5,12,18,24,30,36 43,52,180,VDC
Clamping Voltage	8,15,20,30,36,43 50,60,200 VDC
Operating Current	0.15A 10kA (8x20μS)
Frequency Range	0 to 20 MHz
Insertion Loss	<0.1dB at 20Mhz
SPD Technology	GDT,SAD, w/Series PTC
Connection Type	Terminal Block w/compression lugs Terminal accept up to 10 AWG
Operating Temperature	-40°C to +85°C
Dimensions (Inches)	2Hx1Wx2.5L (PC642 + PCB1B Base)
Weight	1 Oz
Certifications	UL 497B, ISO 9001:2000

Caution: The hybrid design of this product includes series resistance. Do not place this product in service on any signal line capable of supplying more than 150 milliamperes continuously.

Terminal Assignment



DO NOT daisy chain grounds. NOT intended for shield termination. Install ground in accordance with all applicable codes

*Specification subjects to change without prior notice