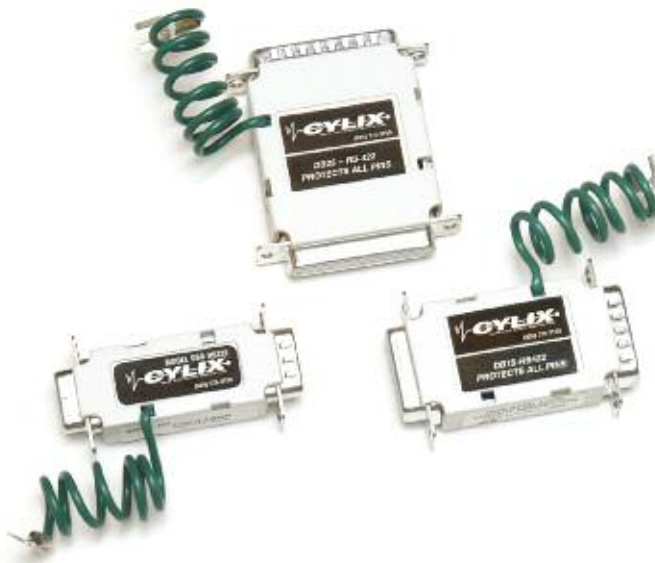




SIP SERIES

D-shell surge protection solutions for any infrastructure need

- 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



Cylix SIP series protectors are a cost effective solution to overvoltage problems.

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.

Our SIP series of surge protection devices are ideal for protecting sensitive RS-422, RS-485, RS-232 circuits that are subject to damaging surges and transients. These surge protectors are ideal for Point of Sale terminals, convenience store networks, and any equipment that uses D-shell style connections. These types of networks are sensitive to damage from surges and mission critical for business.

All these features and more make Cylix SIP series of surge protectors ideal for many business critical applications.

www.cylx.com



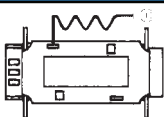
SIP SERIES

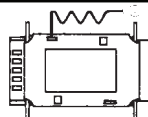
ELECTRICAL SPECIFICATIONS

	RS422/RS423/RS485	PARALLEL	RS232
STD. CLAMP VOLTAGE	7.5 VOLTS	7.5 VOLTS	18 VOLTS
PEAK PULSE CURRENT 10/1000 us s.c. wave form @Vcl	132 AMPS	132 AMPS	60 AMPS
RESPONSE TIME	----- LESS THAN 5 NANoseconds -----		
MAXIMUM SHUNT CAPACITANCE	<30pF	<30pF	<30pF

(Subject to change without notice)

SYSTEM APPLICATION AND MODEL NUMBER

DB 9 SERIES	PINS PROTECTED	RS422/RS423/RS485	RS232
	PROTECTS ALL PINS	DB9-RS422	DB9-RS232

DB 15 SERIES	PINS PROTECTED	RS422/RS423/RS485	RS232	ETHERNET
	PROTECTS ALL 15 PINS * Unless Specified	DB15-RS422	DB15-RS232	DB15-EN * Protects IEEE 802.3 Pins AUI

DB 25 SERIES	STANDARD PIN CONFIGURATIONS	RS422/RS423/RS485/RS530	RS232	PARALLEL
	25 WIRE ALL 25 PINS PROTECTED	DB25-RS422	DB25-RS232	DB25-PARLL
	4 WIRE PINS (1), 2, 3, 7, 20	X	425-RS232	X
8 WIRE PINS (1), 2, 3, 4, 5, 6, 7, 8 & 20	X	825-RS232	X	

(Special Configurations Available)

Cylix "Circle of Protection" Warranty

The Cylix Corporation offers our "Circle of Protection" Warranty which includes a \$25,000 Connected Equipment Guarantee, 5 Year Replacement Program, and a Limited Lifetime Warranty. For complete warranty information, disclaimers, and exclusions, please visit www.cylx.com.

All specifications and dimensions are subject to change without notice.
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