



Accurate Technology Services, Inc.
829 Gretel Ave, Concord, NC 28027
1-877-SRG-SRVC(774-7782)
ph: 1-704-784-8287 fax: 1-704-784-8290
www.atssurge.com sales@atssurge.com

RS232 Cable Protector

DB25 INTERFACE PROTECTION FOR RS232 IN-LINE CABLE APPLICATIONS
AT99007



Application: The AT99007 provides Point-to-Point Protection for I/O ports operating per EIA RS232 Standards.

Installation: Simply insert the ISP unit between the incoming data cable and the respective I/O port(s) on the equipment needing protection. Securely connect your ISP unit in series with the cable and I/O port using the mounting hardware provided. To obtain maximum TVSS security, it is important to install ISP units at both ends of the RS232 cables.

Grounding: All suppression components in model ISP-12-DB25-M/F(RS232)S are referenced to pin [1]. Pin [1] is further connected to the connector shells at both ends of the suppressor. This assures adequate grounding through the device and the respective I/O port interface connectors.

Description: The ISP Series has been specifically configured to interface directly between incoming data cables and respective equipment I/O ports. Model ISP-12-DB25-M/F(RS232)S is a secondary protection device designed to provide added TVSS security for RS232 interfaces against the harmful effects of transient overvoltages caused by lightning induced energies, AC power induction and electrostatic discharge (ESD). ISP units are completely bipolar (either direction) in their ability to suppress harmful transients and should be utilized in all applications where the RS232 line remains within the facility or where the equipment is located more than 30 feet away from primary protection.

SPECIFICATIONS

Case: Molded ABS (black) Plastic

Interface: DB25 to DB25

Pins Protected: 2,3,4,5,6,7,8,11,20,22,24 & 25 pin [1] ground

External Power: None

Connectors: (2) DB25s =1 Male (protected) & 1 Female

Max Continuous Operating Voltage: +/- 15 Volts

Clamp Voltage: 27 Volts @ 200Amps (8/20 μ s)

Series Resistance: NONE

Surge Capacity: 1250 Amps 8/20 μ s waveform

Capacitance (line - line or line - ground): 45pF

Operational/Storage Temp: -55 to +100 deg. C