

# MODULAR PROTECTION

## MDS2 - DIGITAL STATION SET PROTECTOR



### Features:

- **Auto-Resetting Technology** - PTC resistors open when a surge occurs, protecting your equipment, but unlike other fuses, the PTCs close again once the surge passes. Less downtime, and less service calls.
- **Expandable System Protection** - SurgeGate Series Base Units and Modules can be attached to expand system protection as your system grows.
- **Lifetime Product Warranty** - This surge protector shall be free of any defects in design, materials, or workmanship, or ITW Linx will repair or replace the defective product.
- **\$50,000 Connected Equipment** - This ITW Linx product will protect your equipment or we will repair or replace it up to \$50,000!
- **AVAYA approved product: 146E, 407568161**

### ORDERING INFORMATION

ITW Linx Part Number	Description
MDS2	Protects one 8-wire (4-pairs) (e.g. AVAYA ATL) using RJ-45 connectors using Jack 1 or two 4-wire (2-pairs) (e.g. Lucent MLX) using RJ-11/45 connectors using Jacks 1 and 2 (pins 3, 4, 5, 6). (MOQ 6)

\* Questions about ordering? Please contact us at **1-800-336-LINX** / Contact an authorized distributor for pricing \*



For up-to-date warranty information, please visit our web site at [www.itwlinx.com](http://www.itwlinx.com).

### TECHNICAL SPECIFICATIONS

#### PRODUCT SPECIFICATIONS:

Agency Approval.....	UL 497A (Secondary)
LED Indicators.....	N/A
Grounding Requirements.....	Uses Electrical AC Ground
.....for use with SurgeGate Series AC Base Units.	
..... See Technical Reference page 81-98 for additional grounding tips.	
Recommended Grounding Impedance.....	<0.5 Ohm
Width.....	4.25"
Height.....	4.25"
Depth.....	1.5"
Weight.....	0.42 lbs
Product Warranty.....	Lifetime
Connected Equipment Warranty.....	Up to \$50,000

#### SIGNAL LINE SURGE PROTECTION:

##### TELCO CIRCUIT PROTECTION

Signal Perfect Circuitry.....	Yes
Auto-Resetting PTCs.....	160 mA (8-10 Ohms)
Clamping Level.....	70V (T-R), 110V (T-G, R-G)
Response Time.....	1-5 Nanoseconds
Capacitance.....	<50pF
Suppression Modes.....	Metallic & Longitudinal
Wires Protected.....	Path 1, Jack 1 (pins 1-8),
.....	Path 2, Jacks 1 & 2 (pins 3, 4, 5, 6)
Termination Type.....	RJ-11/45

#### AC SURGE PROTECTION:

SurgeGate Plus Circuitry.....	N/A
Thermal Fusing.....	N/A
Catastrophic Surge Circuit.....	N/A
Over/Undervoltage Voltage Protection.....	N/A
Overvoltage Voltage Shutoff.....	N/A
Undervoltage Voltage Shutoff.....	N/A
Single Pulse Energy Dissipation.....	N/A
Peak Impulse Current.....	N/A
EMI/RFI Noise Filtration.....	N/A
Line voltage.....	N/A
Initial Clamping Level.....	N/A
UL 1449 Rating.....	N/A
Protection Modes.....	N/A
Maximum Current Rating.....	N/A
Response Time.....	N/A
Plug Configuration.....	N/A
Number of Outlets.....	N/A
Switched Outlets.....	N/A
Cord Length.....	N/A

#### \*This product also for use with these systems:\*

**NEC • PANASONIC • COMDIAL • VODAVI • SIEMENS • MITEL**

For more information, refer to "TELEPHONE SYSTEM CONFIGURATORS", (page 82-85).

For more technical information, refer to "TECHNICAL REFERENCE", page (81-98).

**Signal Perfect™** - For more information, refer to page 81.



SurgeGate™