

MODULAR PROTECTION

MDSCO - DIGITAL STATION SET AND CENTRAL OFFICE LINE 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: 146D, 407568146**



ORDERING INFORMATION

ITW Linx Part Number	Description
MDSCO	Protects two 4-wire (2-pairs) digital/analog lines (e.g. Lucent Partner) or two 2-wire (1-pair) tip/ring analog lines using RJ-11/45 connectors. (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.

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.....	0.45 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, pins 3, 6)
.....	110V (T-G, R-G, pins 3, 6)
.....	260V (T-R, T-G, R-G, pins 4, 5)
Response Tim.....	1-5 Nanoseconds
Capacitance.....	<50pF
Suppression Modes.....	Metallic & Longitudinal
Wires Protected.....	2-pairs (pins 3, 6 & 4, 5) per Jack
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
Oversvoltage 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

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

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



SurgeGate™

