



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
- **5 Year 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**
- **AVAYA approved products: 146E, 407568161**



TECHNICAL SPECIFICATIONS

PRODUCT SPECIFICATIONS:

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|---------------------------------|--|
| Agency Approval | UL 497A (Secondary) |
| Grounding Requirements | Uses Electrical AC Ground for use with SurgeGate Series AC Base Units. See Technical Reference at www.itwlinx.com . |
| Recommended Grounding Impedance | <0.5 Ohm |
| Width | 4.25" |
| Height | 4.25" |
| Depth | 1.5" |
| Weight | 0.42 lbs |
| Product Warranty | 5 Years |
| Connected Equipment Warranty | Up to \$50,000 |

SIGNAL LINE SURGE PROTECTION: (TELCO)

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|--------------------------|--|
| 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 |

ORDERING INFORMATION

| 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). |