

**MCO25—ANALOG 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 Warranty**—This ITW Linx product will protect your equipment or we will repair or replace it up to \$50,000!
- **AVAYA** approved product:  
146H, 408183044

**Technical Specifications**

*Designs and specifications are subject to change without notice due to product improvement.*

**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 106–107 for additional grounding tips.
Recommended Ground Impedance	< 0.5 Ohm
Width	4.25"
Height	5.87"
Depth	1.5"
Weight	0.8 lbs
Product Warranty	Lifetime
Connected Equipment Warranty	Up to \$50,000



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



**SIGNAL LINE SURGE PROTECTION:**

**TELCO CIRCUIT PROTECTION**

Signal Perfect Circuitry	Yes
Auto-Resetting PTCs	160 mA (8–10 Ohms)
Clamping Level	260V (T-R, T-G, R-G)
Response Time	1–5 Nanoseconds
Capacitance	< 50pF
Suppression Modes	Metallic & Longitudinal
Wires Protected	50-wires (25-pairs, pins 1–50)
Termination Type	RJ-21X (Male In / Female Out)

**COAX CIRCUIT PROTECTION**

Signal Perfect Circuitry	N/A
Fuseless/Auto-Resettable	N/A
Response Time	N/A
Termination	N/A
Antenna/Cable Lines Protected	N/A
Antenna/Cable Clamping Level	N/A
Antenna/Cable Attenuation	N/A
Satellite Lines Protected	N/A
Satellite Clamping Level	N/A
Satellite Attenuation	N/A

**LAN CIRCUIT PROTECTION**

Signal Perfect Circuitry	N/A
Fuseless/Auto-Resettable	N/A
Performance Rating	N/A
Clamping Level	N/A
Response Time	N/A
Wires Protected	N/A
Termination Type	N/A



**More information is available in the Technical Reference section of this catalog, turn to page 86.**

**AC SURGE PROTECTION:**

SurgeGate Plus Circuitry	N/A
Protect or Disconnect 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
Clamping Level	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

**Applications:**

- Telephone Systems
- Fax Machines

**Ordering Information**

ITW Linx Part Number	Description
MCO25-60	Protects 25-pairs using RJ-21X (Amphenol) connectors (pins 1–50, Male In / Female Out).