# DataShield In-Line Surge Protector for Network and Phone Lines, 1-Line RJ45

MODEL NUMBER: **DNET1**



Protects network datalines from blown NIC cards, garbled transmissions, lock-ups and hardware failures caused by surges, line noise, ESD and faulty wiring.

## Description

The DNET1 provides network Ethernet line surge suppression for 100Base-T, 10Base-T, Token Ring, AS400/Sys3x and RS422 applications. Surge suppression is handled with balanced arrays of high-speed avalanche diodes that divert excess energies created by electrostatic discharges away from network interface connections. This network surge suppressor reduces blown NIC cards, garbled network transmissions, system lock-ups and hard equipment failure by safely shunting dataline surges to ground. Convenient RJ45 input and output connections with an included five-inch Ethernet cable enables ideal protection for network workstations, printers and other internetworking devices with a network connection.

## Features

- DNET1 protects network workstations, printers and internetworking devices from surges present on 10/100Base-T, token ring, AS400/Sys3x or RS422 network lines
- Convenient RJ45 input and output connections make for simple installation (RJ45 input/output connections, pins 1-8, 7.5V clamping)
- 5 inch Ethernet patch cable enables ideal protection placed as close as possible to the point of use
- Surge suppression utilizing high speed avalanche diodes divert excess energies on the network to ground
- RoHS Compliance
- Lifetime Warranty

## Highlights

- Network Ethernet line surge suppression for 100Base-T, 10Base-T, Token Ring, AS400/Sys3x and RS422 applications
- Ideal protection for NICs, terminals, hubs, printers, LAN equipment, and other internetworking devices
- Protects against the effects of electrostatic discharge
- Reduces blown NIC cards, garbled network transmissions, system lock-ups and hard equipment failure
- 750A circuit breaker; 7.5V nominal clamping voltage
- RJ45 input and output connections with included patch cable

## Package Includes

- DNET1 dataline protector
- 5-in. RJ45 patch cable
- Warranty information and instruction manual

# Specifications

| | |
|---|---|
| **OVERVIEW** | |
| UPC Code | 037332011435 |
| **INPUT** | |
| Nominal Input Voltage(s) Supported | 120V AC; 230V AC |

| | |
|---|---|
| Recommended Electrical Service | 120V, 230V |
| Input Plug Type | RJ45 |
| Input Cord Length (ft.) | 0 |
| Right-Angle Plug | No |
| Input Cord Length (m) | 0.00 |
| Integrated Cord Clip | No |
| **OUTPUT** | |
| Output Receptacles | (1) Network |
| Circuit Breaker (amps) | 750 |
| Right-Angle Outlets | No |
| **USER INTERFACE, ALERTS & CONTROLS** | |
| Diagnostic LED(s) | No |
| **SURGE / NOISE SUPPRESSION** | |
| AC Suppression Joule Rating | 0 |
| Automatic Shut-Off | No |
| **DATALINE SURGE SUPPRESSION** | |
| Telephone/DSL Protection Details | 1 line |
| Cable (Coax) Protection | No |
| Network (Ethernet) Protection | Yes |
| Additional Dataline Protection | 1-8 |
| Telephone/DSL Protection | Yes |
| **PHYSICAL** | |
| Housing Color | Light Gray |
| Mounting Holes or Slots | No |
| Shipping Dimensions (hwd / in.) | 6.00 x 3.00 x 2.00 |
| Shipping Dimensions (hwd / cm) | 15.24 x 7.62 x 5.08 |
| Shipping Weight (lbs.) | 0.23 |
| Shipping Weight (kg) | 0.11 |
| Unit Dimensions (hwd / in.) | 3.750 x 1.000 x 1.000 |
| Unit Weight (lbs.) | 0.233 |
| Unit Weight (kg) | 0.11 |
| **COMMUNICATIONS** | |

| | |
|---|---|
| Network Compatibility | 100 Mbps (Fast Ethernet) |
| **FEATURES & SPECIFICATIONS** | |
| Rotatable Outlets | No |
| Antimicrobial | No |
| **STANDARDS & COMPLIANCE** | |
| Product Compliance | RoHS |
| **WARRANTY & SUPPORT** | |
| Product Warranty Period (Worldwide) | Lifetime limited warranty |

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