

GENERAL SPECIFICATIONS

Description: Telecommunication line Transient Voltage Surge Suppression devices

Application: Standard 3002/C2 unconditioned voice grade lines, fax, modem and ISDN lines.

Warranty: Five Year Free Replacement

Manufacturer Qualifications: ISO 9001:1994 Quality System Certification BSI FM 30833

ELECTRICAL/PERFORMANCE SPECIFICATIONS

Circuit Design: Series wired, parallel configured low capacitance signal path Threshold Suppression Network™ (TSN) utilizing circuit encapsulation and Advanced Surge Path Technology

Connection/Interface: Lines: Standard punch down block terminals #22-#26 AWG (0.3-0.13mm²)
 Ground: 10/32 lug with wire clamping box terminal #6 - #12 AWG (13.3-3.3mm²)

Data Rate: Up to 100kbps

Protection Modes: All modes. Normal mode: tip-ring, Common mode: tip-ground and ring-ground

Response Time: ≤1 nanosecond

Maximum Continuous Operating Voltage: 130Vrms (183Vpk) tip-ring, tip-ground and ring-ground

Peak Surge Current: 19,500 amps per pair

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| ANSI/IEEE C62.41-1991 Measured Limiting Voltage Test* |
| Test Category B3/C1 Impulse Wave 6,000V, 3,000A |
| L-N 350 L-G 350 |

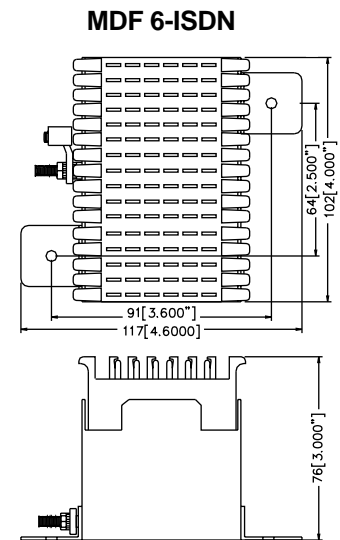
*Measured Limiting (Let-Through)
Voltage Test Environment: Static, Positive polarity. All voltages are peak (±10%), Time base = 1ms.

MECHANICAL SPECIFICATIONS

Enclosure: Metal bottom section with ABS plastic terminal housing upper half

Mounting: Multi-point mounting feet.

Shipping Weight: MDF 6 ≈ 0.9 kg (2 lbs.), MDF 25 ≈ 2.2 kg (5 lbs.)



MDF 25-ISDN

