PD3041

広範囲動作温度対応 サージ保護デバイスーRJ11 & ツー ワイヤー ターミナル



概要

EtherWANの広範囲動作温度対応サージ保護デバイスPD3041はDSL電話線の構成をサージダメージから保護するために設計されました。

産業用の設計でどのような過酷な場所でも設置でき、お客様の貴重なネットワーク設備を保護します。

EtherWAN — "When Connectivity is Crucial."

特長

対サージ保護対策

RJ11 或いは 2 ワイヤ ターミナル ブロックによって Pair to Pairの保護を提供します。

広範囲動作温度

-40度から75度までの広範囲動作温度サポート。

簡単設置

DIN-レールと卓上据え置き対応。

仕様

Mechanical

Casing

Aluminum Case

IP20

Dimensions

30 x 62.5 x 100mm (W x H x D)

(1.18" x 2.5" x 3.8")

Weight

184g ±5%

Installation

RJ11 Connector / Terminal Block

Environment

Operating Temperature

-40 to 75°C (-40 to 167°F)

Storage Temperature

-40 to 85°C (-40 to 185°F)

Ambient Relative Humidity

5% to 95% (non-condensation)

Regulatory Approvals

ISO

Manufactured in an ISO 9001 facility

Safety

UL 497B

EMI

CE

FCC Part 15 Class B

VCCI

Industrial Compliance

IEC 61643-21

Electrical

Maximum continuous operating voltage UC

≤185VDC

Maximum continuous voltage UC (Wire-Wire)

≤185VDC

Maximum continuous voltage UC (Wire-Ground)

≤185VDC

Nominal current IN

≤380mA (25°C)

Operating effective current IC at UC

≤6μA

RResidual current IPE

≤4μA

Nominal discharge surge current In (8/20) μs (Core-Core)

≤5kA

Nominal discharge surge current In (8/20) μs (Core-Earth)

≤5kA

Total surge current (8/20) μs

10kA

Nominal pulse current Ian (10/1000) μs (Core-Core)

≤100A

Nominal pulse current Ian (10/1000) μs (Core-Earth)

≤100A

Nominal pulse current Ian (10/700) μs (Core-Core)

≤150A

Nominal pulse current Ian (10/700) μs (Core-Earth)

≤150A

Output voltage limitation at 1kV/μs (Core-Core) spike

≤250V

Output voltage limitation at 1kV/µs (Core-Earth) spike

≤250V

Residual voltage at In, (Conductor-Conductor)

≤120V

Residual voltage at In, (Conductor-Ground)

≤120V

Voltage protection level UP (Core-Core)

≤300V (B2–100A)

≤300V (C1–500A)

≤300V (C2–5kA)

Voltage protection level UP (Core-Earth)

≤300V (B2–100A)

≤300V (C1–500A)

≤300V (C2–5kA)

Response time tA (Core-Core)

≤100ns

Response time tA (Core-Earth)

≤100ns

Input attenuation aE, sym.

Typ. 0.5dB (≤5MHz)

Typ. 0.3dB (≤8MHz/150Ω)

Typ. 0.3dB (≤2.5MHz/600Ω)

Near-end crosstalk attenuation

≤35dB (At 250MHz/100Ω)

Cut-off frequency fg (3dB), sym. in 100 Ohm system

Typ. 50MHz

Resistance in series

3.3Ω ±10%

Surge carrying capacity in acc. with IEC 61643-21 (Core-Core)

B2 (4kV/100A)

C1 (1kV/500A)

C2 (10kV/5kA) (Terminal Block)

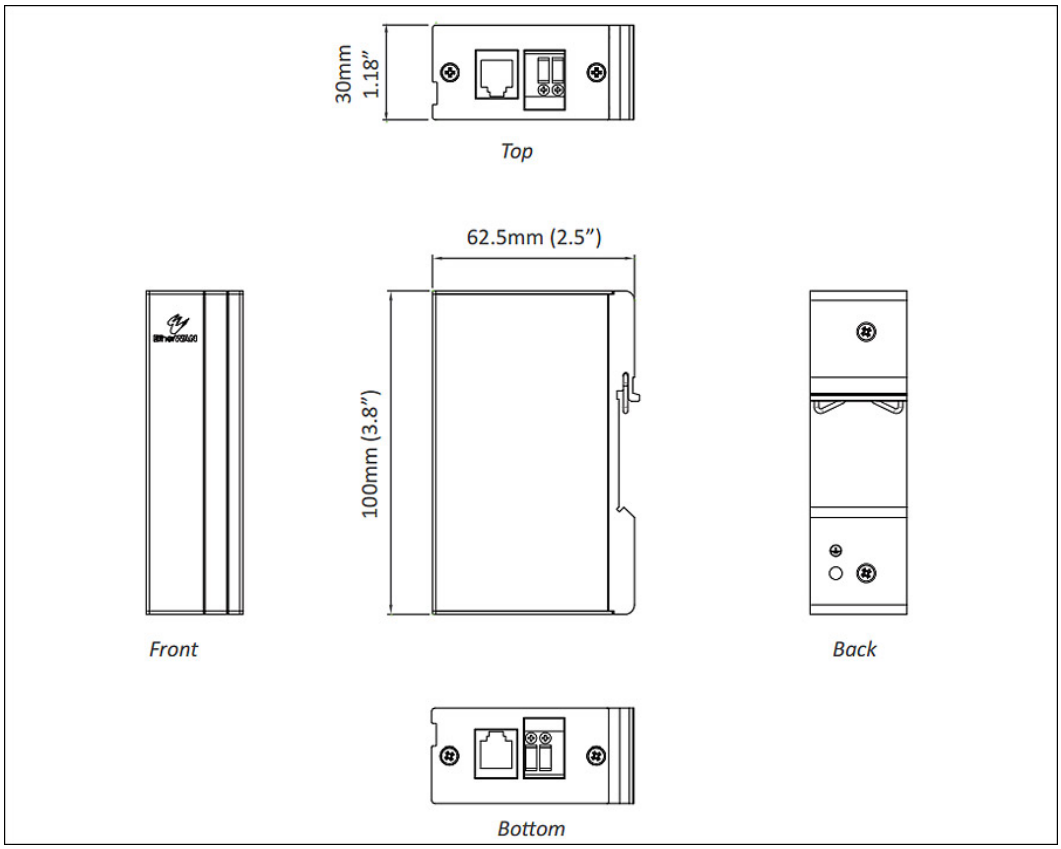
C2 (6kV/3kA) (RJ11)

Surge carrying capacity in acc. with IEC 61643-21 (Core-Earth)

B2 (4kV/100A)

C1 (1kV/500A)

寸法図



製品型番

型番

PD3041	Hardened Surge Protection Device–RJ11 & Two Wire Terminal Block Type

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