PD3041

強固級湧流保護器- RJ11 &雙絞線端子台



產品介紹

益網科技的 PD3041 的強固級湧流保護器透過 RJ11 連接器和端子塊提供配對，可保護 DSL 設備免受危險的電湧、接地迴路以及因接線錯誤或閃電引起的放電所影響。 PD3041 具有完整的線對線和線對地湧流保護功能，非常適合在電力供應不穩定的區域以及電磁干擾過多的場所使用。應用安裝領域包括室外 IP 攝影機、Access Point 以及屋頂網路機櫃。

EtherWAN — "When Connectivity is Crucial."

產品亮點

強大的電壓突波保護

透過 RJ11 連接器和端子塊提供配對保護

寬工作溫度範圍

工作溫度範圍為 -40 至 75°C，吞吐量低於 100Mbps

有彈性的安裝方式

支援 DIN 導軌式安裝或桌面安裝

產品規格

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)

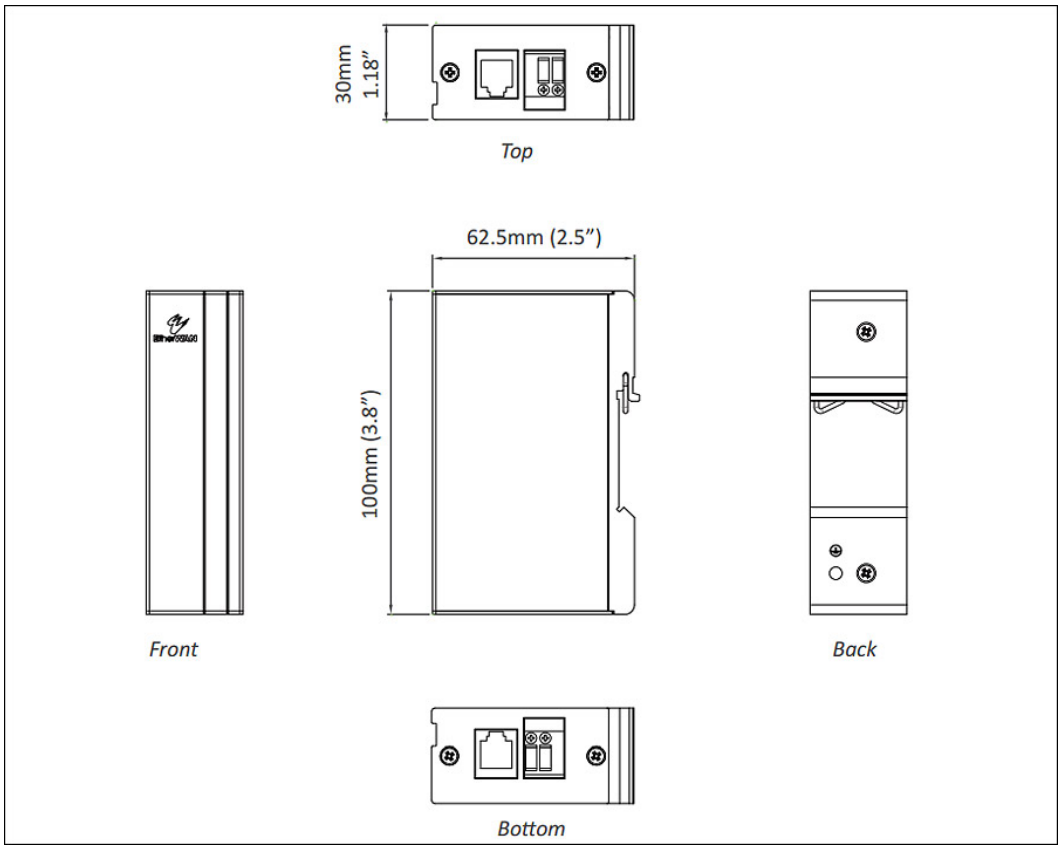
C2 (6kV/3kA) (RJ11)

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

B2 (4kV/100A)

C1 (1kV/500A)

產品尺寸圖



訂購型號

Model

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

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