

HUBER+SUHNER® DATA SHEET

Data Line Protector: 3414.99.0008

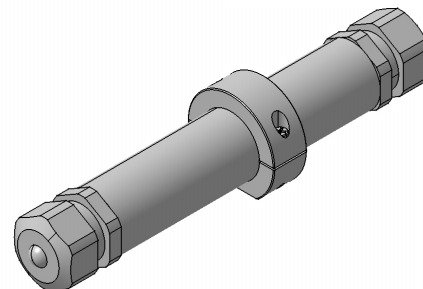


Description

Data Line Protector Symmetric Pair

Benefits

Power over Ethernet
Hybrid Protector
Shield and ground separated
All lines protected



Product Configuration

Main path connectors RJ45 jack 8-Pin jack (female) - RJ45 jack 8-Pin jack (female) (unprotected side - protected side)
Mounting and grounding M4 (M=screw)

Technical Data

Electrical Data

Impedance	100 Ω	
Frequency range	DC to 100 MHz	
Insertion loss	≤ 0.5 dB	
Voltage rating	per pair	± 6 V
Current rating	per pair	1.5 A max.
Current handling capability	wire - wire	0.1 kA (test pulse 8/20 μ s)
	wire - ground	2.5 kA (test pulse 8/20 μ s)
	shield - ground	6 kA (test pulse 8/20 μ s)
Protection level	wire - wire	20 V typically (test pulse 4 kV 1.2/50 μ s / 2 kA 8/20 μ s)
	wire - ground	700 V typically (test pulse 4 kV 1.2/50 μ s / 2 kA 8/20 μ s)
	shield - ground	700 V typically (test pulse 4 kV 1.2/50 μ s / 2 kA 8/20 μ s)
Clamping voltage	wire - wire	15 V
	wire - ground	90 V
	shield - ground	90 V

Mechanical Data

Weight 330 g

Environmental Data

Operating temperature -40 °C to +85 °C
Waterproof degree IP 68
2002/95/EC (RoHS) Telecom compliant

Material Data

Piece Parts

Body

Material
Aluminium

Surface Plating

Related Documents

Outline drawing DOU-00070301.1
Mounting instruction DOC-0000230313

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Additional Information

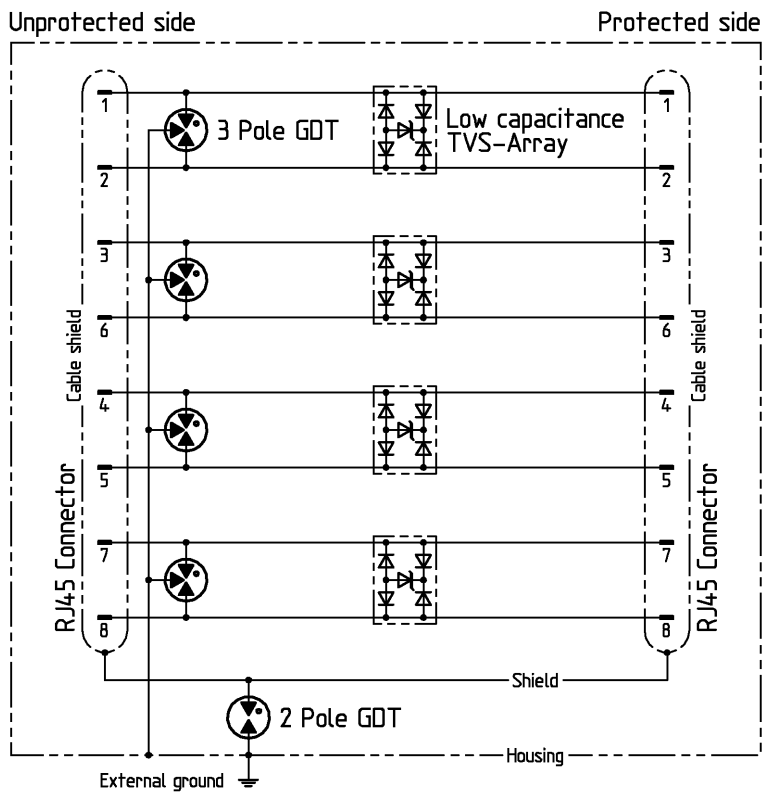
Remarks

Twisted Pair Surge Protector (ISO 11801, EN50173, EIA/TIA 568)
Class D specified by GHMT

Network Standards: 10BASE-T / 100BASE-TX / 100BASE-T4 / 1000BASE-T / ATM-25 / ATM-51 / ATM-155 / 100VG-AnyLan / TR-4 / TR-16 / TP-PMD

For applications with "Data Terminal Equipment Powered via Media Dependent Interface" (IEEE 802.3af)

Circuit Diagram



HUBER+SUHNER is certified according to ISO 9001 and ISO 14001

WAIVER!

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