



# SUHNER® DATA LINE PROTECTOR DATA SHEET

## TYPE 3414.99.0001

Article number: 23033695 Rev: a

### Description

Data Line protector

### Hybrid Protector

Shield and Ground separated

Cat 5e specified



### Product Configuration

Connectors RJ45 jack (female)  
Mounting and grounding MH154, screw M4, grounding cable

### Technical Data

Impedance:	100 $\Omega$
Frequency range	DC to 100 MHz
Insertion loss	$\leq 0.5$ dB
Voltage rating:	per Pair $\pm 6$ V max.
Current rating	per Pair 1.5 A max.
Current handling capability	IEC 61000-4-5: Shield – Ground 6 kA Line – Ground 2.5 kA Line – Line 100 A
Related protection levels	IEC 61000-4-5: Shield – Ground 700 V Line – Ground 700 V Line – Line 20 V
Clamping voltage	Shield – Ground 90 V Line – Ground 90 V Line – Line 15 V
Response time	2 ns
Operating temperature	-40°C to + 85°C
Waterproof degree	IP20 (according to IEC 60529, data refer to the coupled state)

#### WAIVER!

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HUBER+SUHNER AG  
Protection+Federline Components  
CH-9100 Herisau  
Phone +41 (0)71 353 41 11  
Fax +41 (0)71 353 47 51  
www.hubersuhner.com

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## Piece Parts

Housing

## Material

Aluminum alloy AlMgSi 0.5

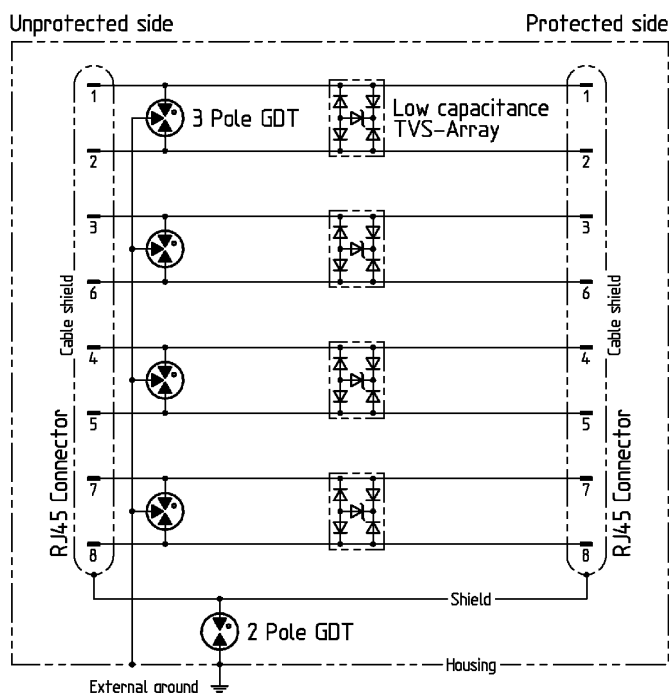
## Surface Plating

chromatized

## Remarks:

- Each pair protected with gas capsules and TVS diodes (all 8 Pins of the RJ45 connector protected)
- Grounding screws included
- Application with shielded or unshielded twisted pair cables possible (RJ45 shields are connected)
- For proper function the Protector has to be connected to ground via housing or shield

## Circuit diagram



## Attachment

### Related Documents

Outline drawing

Mounting/ Grounding instruction

23034007

84000057

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