

SUBCON 37/M-SH - D-SUB bus connector



2300973

<https://www.phoenixcontact.com/us/products/2300973>

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D-SUB connector, 37-pos., male connector, one cable entry <math><35^\circ</math>, universal type for all systems, pin assignment: 1, 2, 3, ..., 36, 37 to screw-connection terminal block

The figure shows version

Commercial data

| | |
|--------------------------------------|--------------------------------|
| Item number | 2300973 |
| Packing unit | 1 pc |
| Note | Made to order (non-returnable) |
| Sales key | DN10 |
| Product key | DNC511 |
| GTIN | 4046356684781 |
| Weight per piece (including packing) | 103.2 g |
| Weight per piece (excluding packing) | 103.2 g |
| Customs tariff number | 85366990 |
| Country of origin | US |

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Technical data

Product properties

| | |
|----------------|---|
| Product type | Data plug |
| Pin assignment | All connections are 1:1 on the screw terminal block |

Electrical properties

| | |
|-----------------------|------------|
| Nominal voltage U_N | 48 V AC/DC |
| Nominal current I_N | 1 A |

Connection data

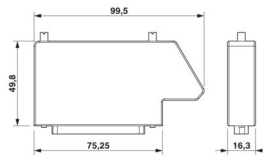
D-SUB connection

| | |
|-------------------|-----------------|
| Connection method | D-SUB connector |
|-------------------|-----------------|

Interfaces

| | |
|--------|----------------|
| Signal | Point-to-point |
|--------|----------------|

Dimensions

| | |
|---------------------|--|
| Dimensional drawing |  |
| Width | 16.3 mm |
| Height | 49.8 mm |
| Length | 99.5 mm |

External dimensions

| | |
|------------------------|---------|
| External diameter min. | 4 mm |
| External diameter max. | 12.7 mm |

Material specifications

| | |
|------------------|-------------------|
| Housing material | ABS, metal-plated |
|------------------|-------------------|

Mechanical properties

Mechanical data

| | |
|-----------------------------|----------|
| Insertion/withdrawal cycles | > 50 |
| Fixing screws | 4-40 UNC |
| Tightening torque | 0.4 Nm |

Environmental and real-life conditions

Ambient conditions

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| | |
|---|--|
| Degree of protection | IP20 |
| Ambient temperature (operation) | -20 °C ... 75 °C |
| Ambient temperature (storage/transport) | -25 °C ... 80 °C |
| Altitude | 5000 m (For restrictions see manufacturer's declaration) |

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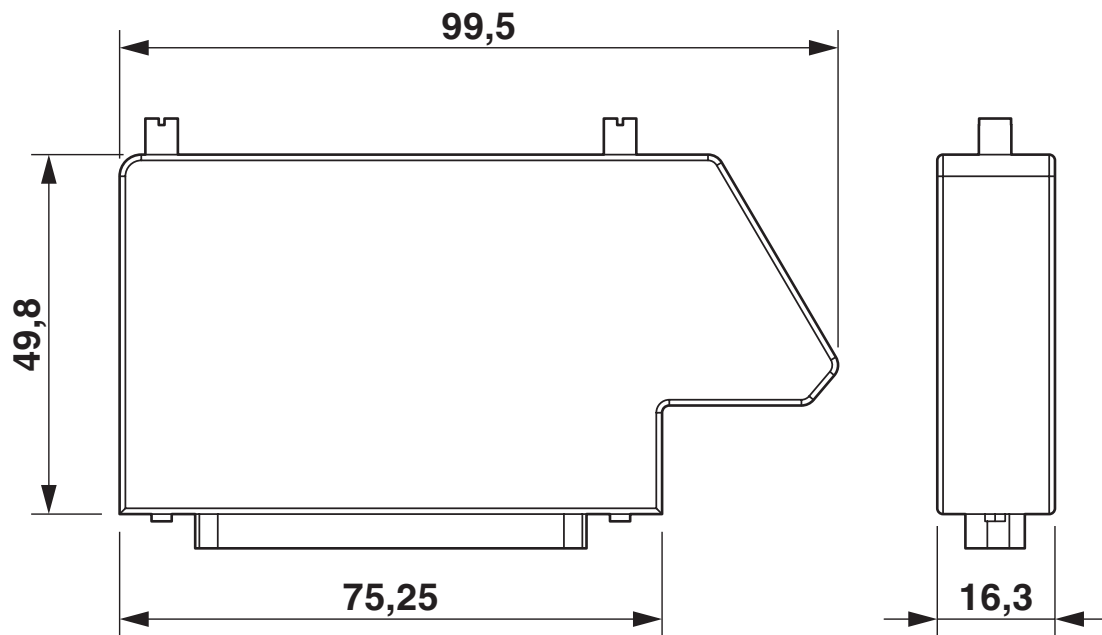
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Drawings

Dimensional drawing



Dimensional drawing

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Environmental product compliance

EU REACH SVHC

| REACH candidate substance (CAS No.) | |
|-------------------------------------|--|
|-------------------------------------|--|

| | |
|--|----------------------------|
| | No substance above 0.1 wt% |
|--|----------------------------|

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