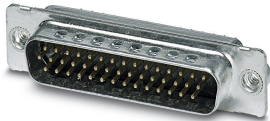


## D-SUB contact insert - CUC-DSI-C1STZ-S/DSL5B25 HD - 1418733

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D-SUB contact insert, degree of protection: IP20, number of positions: 44, material: Steel, connection method: Solder pins




### Your advantages

- ✓ Various connection methods for every application
- ✓ Standard-compliant pin connector pattern



### Key Commercial Data

|                      |   |
|----------------------|---|
| Packing unit         | 1   |
| GTIN                 | <br>4 055626 150017 |
| GTIN                 | 4055626150017   |
| Custom tariff number | 85366990  |

### Technical data

#### Mechanical characteristics

|  |             |
|--|-------------|
| Connection method                      | Solder pins |
| Number of slots                        | 1           |
| Degree of pollution                    | 2           |
| Weight                                 | 1.22 g      |
| Flammability rating according to UL 94 | V0          |

#### Material data

|                          |   |
|--------------------------|---|
| Contact surface material | Sn/Au   |
| Contact material         | Copper alloy                                    |
| Contact carrier material | Glass-fiber reinforced thermoplastics, UL 94 V0 |

## D-SUB contact insert - CUC-DSI-C1STZ-S/DSL SB25 HD - 1418733

### Technical data

#### Material data

|                          |                 |
|--------------------------|-----------------|
| Housing material         | Steel           |
| Housing surface material | tin-plated      |
| Width                    | 16.3 mm         |
| Height                   | 12.5 mm         |
| Length                   | 53 mm           |
| Depth                    | 17.2 mm         |
| Mounting type            | 4-40 UNC thread |

#### Electrical characteristics

|                     |           |
|---------------------|-----------|
| Number of positions | 44        |
| Rated current       | 3 A       |
| Degree of pollution | 2         |
| Test voltage        | 1000 V AC |

#### Standards and Regulations

|  |  |
|--|--|
| Standards/specifications               | DIN 41652  |
| Flammability rating according to UL 94 | V0   |
| Safety note                            | WARNING: The connectors may not be plugged in or disconnected under load. Ignoring the warning or improper use may damage persons and/or property.   |
|  | <ul style="list-style-type: none"> <li>• WARNING: Commission properly functioning products only. The products must be regularly inspected for damage. Decommission defective products immediately. Replace damaged products. Repairs are not possible.</li> </ul>  |
|  | <ul style="list-style-type: none"> <li>• WARNING: Only electrically qualified personnel may install and operate the product. They must observe the following safety notes. The qualified personnel must be familiar with the basics of electrical engineering. They must be able to recognize and prevent danger. The relevant symbol on the packaging indicates that only personnel familiar with electrical engineering are allowed to install and operate the product.</li> </ul> |
|  | <ul style="list-style-type: none"> <li>• The products are suitable for applications in plant, controller, and electrical device engineering.</li> </ul>  |
|  | <ul style="list-style-type: none"> <li>• When operating the connectors in outdoor applications, they must be separately protected against environmental influences.</li> </ul>   |
|  | <ul style="list-style-type: none"> <li>• Assembled products may not be manipulated or improperly opened.</li> </ul>  |
|  | <ul style="list-style-type: none"> <li>• Only use mating connectors that are specified in the technical data of the standards listed (e.g. the ones listed in the product accessories online at <a href="https://www.phoenixcontact.com/products">phoenixcontact.com/products</a>).</li> </ul>   |
|  | <ul style="list-style-type: none"> <li>• When using the product in direct connection with third-party manufacturers, the user is responsible.</li> </ul>   |
|  | <ul style="list-style-type: none"> <li>• For operating voltages &gt; 50 V AC, conductive connector housings must be grounded</li> </ul>  |
|  | <ul style="list-style-type: none"> <li>• Only use tools recommended by Phoenix Contact</li> </ul>  |
|  | <ul style="list-style-type: none"> <li>• The installation notes/Design In documents online on the download page at <a href="https://www.phoenixcontact.com/products">phoenixcontact.com/products</a> must be observed for this product.</li> </ul>   |

# D-SUB contact insert - CUC-DSI-C1STZ-S/DSL SB25 HD - 1418733

## Technical data

### Standards and Regulations

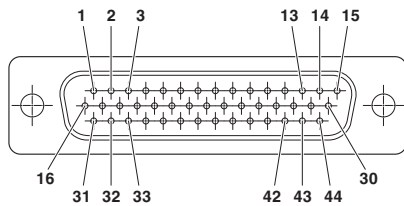
|  |  |
|--|--|
|  | <ul style="list-style-type: none"> <li>• Use a protective cap to protect connectors that are not in use. The suitable accessories are available online in the accessory section of the product at phoenixcontact.com/products</li> </ul> |
|  | <ul style="list-style-type: none"> <li>• Operate the connector only when it is fully plugged in and interlocked.</li> </ul>  |
|  | <ul style="list-style-type: none"> <li>• Operate the connector only when it is fully plugged in.</li> </ul>  |
|  | <ul style="list-style-type: none"> <li>• Ensure that when laying the cable, the tensile load on the connectors does not exceed the upper limit specified in the standards.</li> </ul>  |
|  | <ul style="list-style-type: none"> <li>• Observe the minimum bending radius of the cable. Lay the cable without twisting it.</li> </ul>  |
|  | <ul style="list-style-type: none"> <li>• VDE 0100/1.97 § 411.1.3.2 and DIN EN 60 204/11.98 § 14.1.3 are applicable when combining several circuits in a cable and/or connector</li> </ul>  |

### Environmental Product Compliance

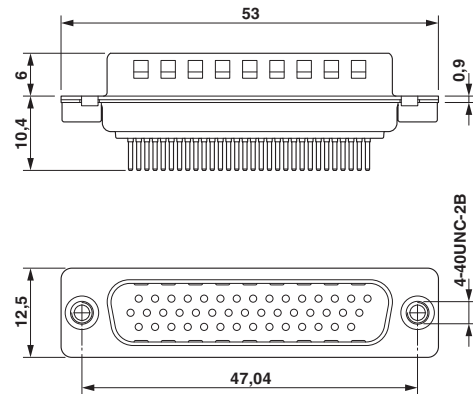
|            |   |
|------------|---|
| REACH SVHC | Lead 7439-92-1  |
| China RoHS | Environmentally friendly use period: unlimited = EFUP-e |
|            | No hazardous substances above threshold values          |

## Drawings

Schematic diagram



Dimensional drawing



D-SUB contact insert

## Classifications

eCl@ss

|               |          |
|---------------|----------|
| eCl@ss 10.0.1 | 27440302 |
| eCl@ss 11.0   | 27440302 |
| eCl@ss 4.0    | 27260700 |
| eCl@ss 4.1    | 27260700 |

## D-SUB contact insert - CUC-DSI-C1STZ-S/DSL5B25 HD - 1418733

### Classifications

#### eCl@ss

|            |          |
|------------|----------|
| eCl@ss 5.0 | 27260700 |
| eCl@ss 5.1 | 27260700 |
| eCl@ss 6.0 | 27260700 |
| eCl@ss 7.0 | 27440302 |
| eCl@ss 9.0 | 27440302 |

#### ETIM

|          |          |
|----------|----------|
| ETIM 2.0 | EC000438 |
| ETIM 3.0 | EC000438 |
| ETIM 4.0 | EC000438 |
| ETIM 6.0 | EC001132 |
| ETIM 7.0 | EC001132 |

#### UNSPSC

|               |          |
|---------------|----------|
| UNSPSC 6.01   | 30211923 |
| UNSPSC 7.0901 | 39121522 |
| UNSPSC 11     | 39121522 |
| UNSPSC 12.01  | 39121522 |
| UNSPSC 13.2   | 39121522 |
| UNSPSC 18.0   | 39121522 |
| UNSPSC 19.0   | 39121522 |
| UNSPSC 20.0   | 39121522 |
| UNSPSC 21.0   | 39121522 |

### Approvals

#### Approvals

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Approvals

EAC

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Ex Approvals

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#### Approval details

## D-SUB contact insert - CUC-DSI-C1STZ-S/DSL SB25 HD - 1418733

### Approvals

|     |   |         |
|-----|---|---------|
| EAC |  | B.01687 |
|-----|---|---------|