

# UC-17S1N8AT0DU - Cable connector

1606605

<https://www.phoenixcontact.com/us/products/1606605>



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M23, Cable connector, series: UC, angled, shielded: yes, Screw locking mechanism, No. of pos.: 17, Direction of rotation: Standard, contact connection type: Socket, Crimp connection, coding: N, Alternative product in accordance with RoHS II without Exemption 6c (Pb < 0.1 %) item no.: 1242166



## Commercial data

|                                      |                                |
|--------------------------------------|--------------------------------|
| Item number                          | 1606605                        |
| Packing unit                         | 8 pc                           |
| Minimum order quantity               | 1 pc                           |
| Note                                 | Made to order (non-returnable) |
| Sales key                            | AB31                           |
| Product key                          | ABRAIC                         |
| GTIN                                 | 4046356260640                  |
| Weight per piece (including packing) | 166.42 g                       |
| Weight per piece (excluding packing) | 166.42 g                       |
| Customs tariff number                | 85366990                       |
| Country of origin                    | DE                             |

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## Technical data

### Notes

|                    |  |
|--------------------|--|
| Order information: | Order crimp contacts Ø 1 mm separately |
|--------------------|--|

### Mounting

|             |    |
|-------------|----|
| Thread type | () |
|-------------|----|

### Product properties

|              |                                 |
|--------------|---------------------------------|
| Product type | Circular connector (cable-side) |
|--------------|---------------------------------|

### Connector

#### Insulating body

|                        |   |
|------------------------|---|
| Note                   | Order information: Order crimp contacts Ø 1 mm separately |
| Coding                 | N   |
| Connection method      | Crimp connection  |
| Contact switching type | Socket  |
| Application            | Signal  |
| Number of positions    | 17  |
| Direction of rotation  | Standard  |
| Connection profile     | 17  |
| Contact diameter       | Power contacts  |
|                        | 1 mm  |
| Rated current          | Power contacts  |
|                        | 8 A   |
| Rated voltage          | 48 V AC   |
|                        | 74 V DC   |
| Rated surge voltage    | 1.5 kV  |
| Oversupply category    | III   |
| Degree of pollution    | 3   |

#### Housing

|                                   |                         |
|-----------------------------------|-------------------------|
| Housing material                  | Metal                   |
| Type of locking                   | Screw locking mechanism |
| Pg screw connection               | none                    |
| Degree of protection (plugged in) | IP67                    |
| Thread type                       | M23                     |

### Environmental and real-life conditions

#### Ambient conditions

|  |                 |
|--|-----------------|
| Ambient temperature (storage/transport)  | 15 °C ... 25 °C |
| Permissible humidity (storage/transport) | 50 % ... 65 %   |

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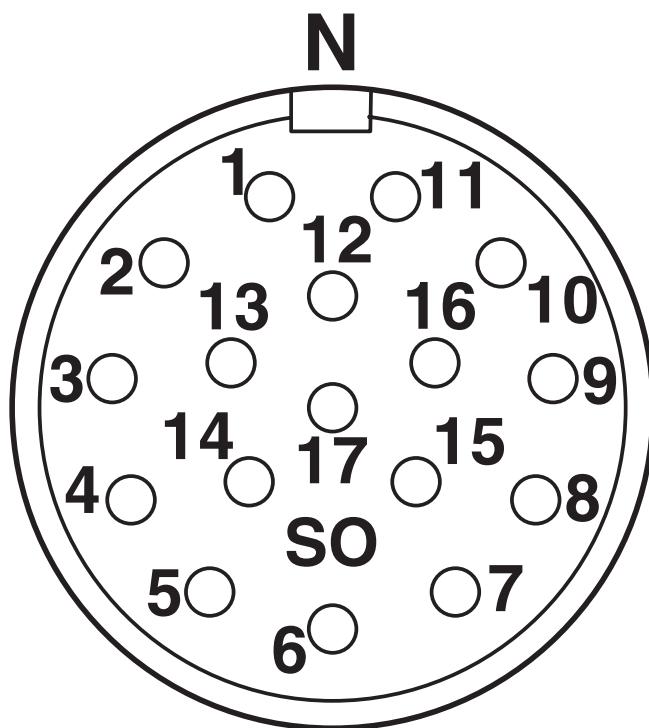
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## Drawings

Schematic diagram



Connector pin assignment

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## Classifications

### ECLASS

|             |          |
|-------------|----------|
| ECLASS-11.0 | 27440102 |
| ECLASS-12.0 | 27440116 |
| ECLASS-13.0 | 27440116 |

### ETIM

|          |          |
|----------|----------|
| ETIM 9.0 | EC002635 |
|----------|----------|

### UNSPSC

|             |          |
|-------------|----------|
| UNSPSC 21.0 | 39121400 |
|-------------|----------|

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## Environmental product compliance

### EU RoHS

|   |      |
|---|------|
| Fulfills EU RoHS substance requirements | Yes  |
| Exemption                               | 6(c) |

### China RoHS

|   |         |
|---|---------|
| Environment friendly use period (EFUP)  | EFUP-50 |
| An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required. |         |

### EU REACH SVHC

|                                     |                                     |
|-------------------------------------|-------------------------------------|
| REACH candidate substance (CAS No.) | Lead(CAS: 7439-92-1)                |
| SCIP                                | 97faf00-e53a-48a8-93a9-110e9d22e3c1 |

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