

TC-06S1N8A80EQ - Cable connector



1612163

<https://www.phoenixcontact.com/in/products/1612163>

Please be informed that the data shown in this PDF document is generated from our Online Catalog. Please find the complete data in the user documentation. Our General Terms of Use for Downloads are valid.



Cable connector, No. of pos.: 6, Direction of rotation: Standard, type of contact: Socket, Crimp connection, cable diameter range: 3 mm ... 10.5 mm, coding:N, Alternative product in accordance with RoHS II without Exemption 6c (Pb <0.1%) item no.: 1242631

Commercial Data

| | |
|--------------------------------------|---------------|
| Item number | 1612163 |
| Packing unit | 12 pc |
| Minimum order quantity | 12 pc |
| Sales Key | ABR |
| Product Key | ABRJDA |
| GTIN | 4046356279024 |
| Weight per Piece (including packing) | 80.625 g |
| Weight per Piece (excluding packing) | 80.625 g |
| Customs tariff number | 85366990 |
| Country of origin | DE |

TC-06S1N8A80EQ - Cable connector



1612163

<https://www.phoenixcontact.com/in/products/1612163>

Technical Data

Notes

| | |
|--------------------|--|
| Order information: | Order crimp contacts Ø 2 mm separately |
|--------------------|--|

Product properties

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

Connector

Insulating body

| | |
|--|---|
| Note | Order information: Order crimp contacts Ø 2 mm separately |
| Coding | N |
| Connection method | Crimp connection |
| Contact type | Socket |
| Application | Signal |
| Number of positions | 6 |
| Direction of rotation | Standard |
| Connection profile | 6 |
| Contact diameter Power contacts | 2 mm |
| Rated current Power contacts | 20 A |
| Rated voltage | 48 V AC 74 V DC |
| Rated surge voltage | 1.5 kV |
| Overvoltage category | III |
| Degree of pollution | 3 |

Seal

| | |
|-------------------------|------------------|
| External cable diameter | 3 mm ... 10.5 mm |
| Seal material | NBR |

TC-06S1N8A80EQ - Cable connector

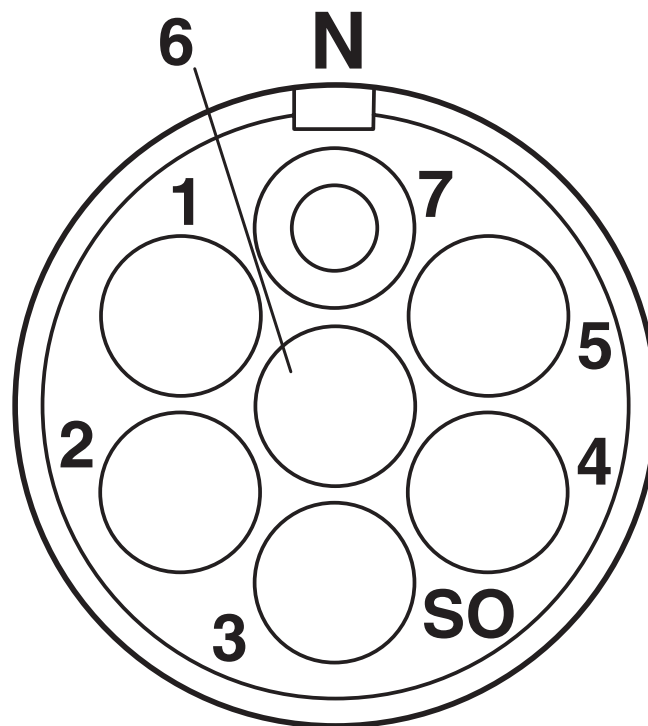
1612163

<https://www.phoenixcontact.com/in/products/1612163>



Drawings

Schematic diagram



TC-06S1N8A80EQ - Cable connector



1612163

<https://www.phoenixcontact.com/in/products/1612163>

Approvals



EAC

Approval ID: B.01687

TC-06S1N8A80EQ - Cable connector



1612163

<https://www.phoenixcontact.com/in/products/1612163>

Classifications

ECLASS

| | |
|-------------|----------|
| ECLASS-11.0 | 27440312 |
| ECLASS-13.0 | 27440312 |
| ECLASS-13.0 | 27440312 |

ETIM

| | |
|----------|----------|
| ETIM 8.0 | EC002641 |
|----------|----------|

UNSPSC

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

TC-06S1N8A80EQ - Cable connector



1612163

<https://www.phoenixcontact.com/in/products/1612163>

Environmental Product Compliance

| | |
|------------|--|
| REACH SVHC | Lead 7439-92-1 |
| China RoHS | Environmentally Friendly Use Period = 50 years |
| | For information on hazardous substances, refer to the manufacturer's declaration available under "Downloads" |

TC-06S1N8A80EQ - Cable connector

1612163

<https://www.phoenixcontact.com/in/products/1612163>



Accessories

RC-5SS2000 - Crimp contact

1603530

<https://www.phoenixcontact.com/in/products/1603530>



Crimp contact, Socket, turned, contact diameter: 2 mm, crimp range: 0.5 mm² ... 0.75 mm², Alternative product in accordance with RoHS II without Exemption 6c (Pb <0.1%) item no.: 1241633

RC-59S2000 - Crimp contact

1603501

<https://www.phoenixcontact.com/in/products/1603501>



Crimp contact, Socket, turned, Single contact, contact diameter: 2 mm, crimp range: 0.75 mm² ... 1 mm², Alternative product in accordance with RoHS II without Exemption 6c (Pb <0.1%) item no.: 1241633

TC-06S1N8A80EQ - Cable connector

1612163

<https://www.phoenixcontact.com/in/products/1612163>



RC-5CS2000 - Crimp contact

1603517

<https://www.phoenixcontact.com/in/products/1603517>



Crimp contact, Socket, turned, contact diameter: 2 mm, crimp range: 1 mm² ... 1.5 mm², Alternative product in accordance with RoHS II without Exemption 6c (Pb <0.1%) item no.: 1241635

RC-5AS2000 - Crimp contact

1603509

<https://www.phoenixcontact.com/in/products/1603509>



Crimp contact, Socket, turned, contact diameter: 2 mm, crimp range: 1.5 mm² ... 2.5 mm², Alternative product in accordance with RoHS II without Exemption 6c (Pb <0.1%) item no.: 1241635

Phoenix Contact 2023 © - all rights reserved
<https://www.phoenixcontact.com>

PHOENIX CONTACT (I) Pvt. Ltd.
A-58/2, Okhla Industrial Area, Phase - II, New Delhi-110 020

+91.1275.71420
info@phoenixcontact.co.in