# SI-RND-R1A - Data interface

1425186

https://www.phoenixcontact.com/us/products/1425186

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Service socket with RJ45 (socket/socket), 8-pos. metal, CAT6A connection, with protective cover



## Commercial data

| | |
|---|---|
| Item number | 1425186 |
| Packing unit | 1 pc |
| Minimum order quantity | 1 pc |
| Sales key | BF69 |
| Product key | AF7EGX |
| GTIN | 4055626386706 |
| Weight per piece (including packing) | 32 g |
| Weight per piece (excluding packing) | 29.9 g |
| Customs tariff number | 85366990 |
| Country of origin | DE |

## Technical data

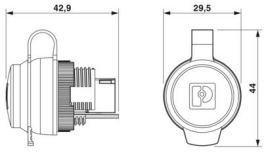
### Product properties

| | |
|---|---|
| Product type | Data front plate |
| Number of positions | 8 |
| Connection profile | RJ45 |

### Electrical properties

| | |
|---|---|
| Transmission speed | 10 Gbps (RJ45 (socket/socket), 8-pos.) |

### Dimensions

| | |
|---|---|
| Dimensional drawing |  |
| Width | 29.5 mm |
| Height | 42.7 mm |
| Panel thickness | 1 mm ... 3 mm |

### Material specifications

| | |
|---|---|
| Material Housing | PA |
| Flammability rating according to UL 94 | V0 |
| Contact material | Copper alloy |
| Contact surface material | gold-plated |

### Mechanical properties

Mechanical data

| | |
|---|---|
| Insertion/withdrawal cycles | ≥ 750 |

### Environmental and real-life conditions

Ambient conditions

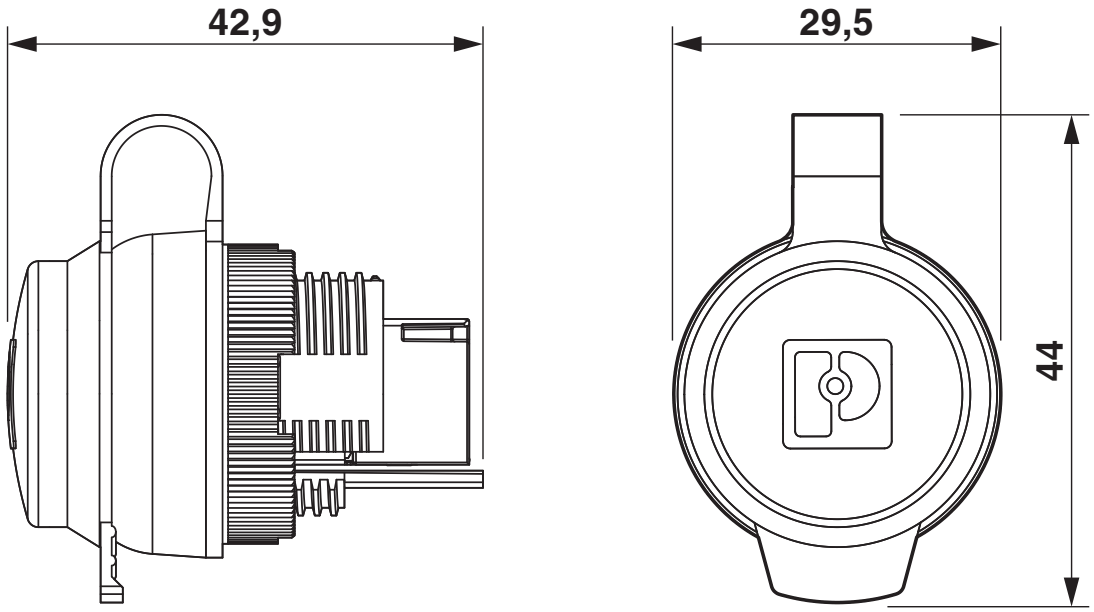
| | |
|---|---|
| Degree of protection | IP65 (with closed protective cover) |
| Ambient temperature (operation) | -40 °C ... 70 °C |

### Mounting

| | |
|---|---|
| Assembly note | Panel thickness: 1 mm ... 3 mm |

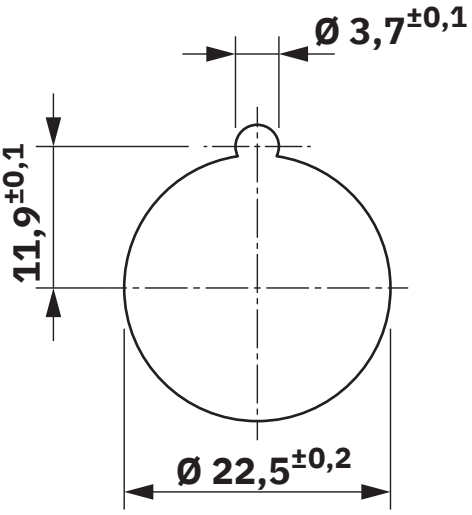
## Drawings

Dimensional drawing



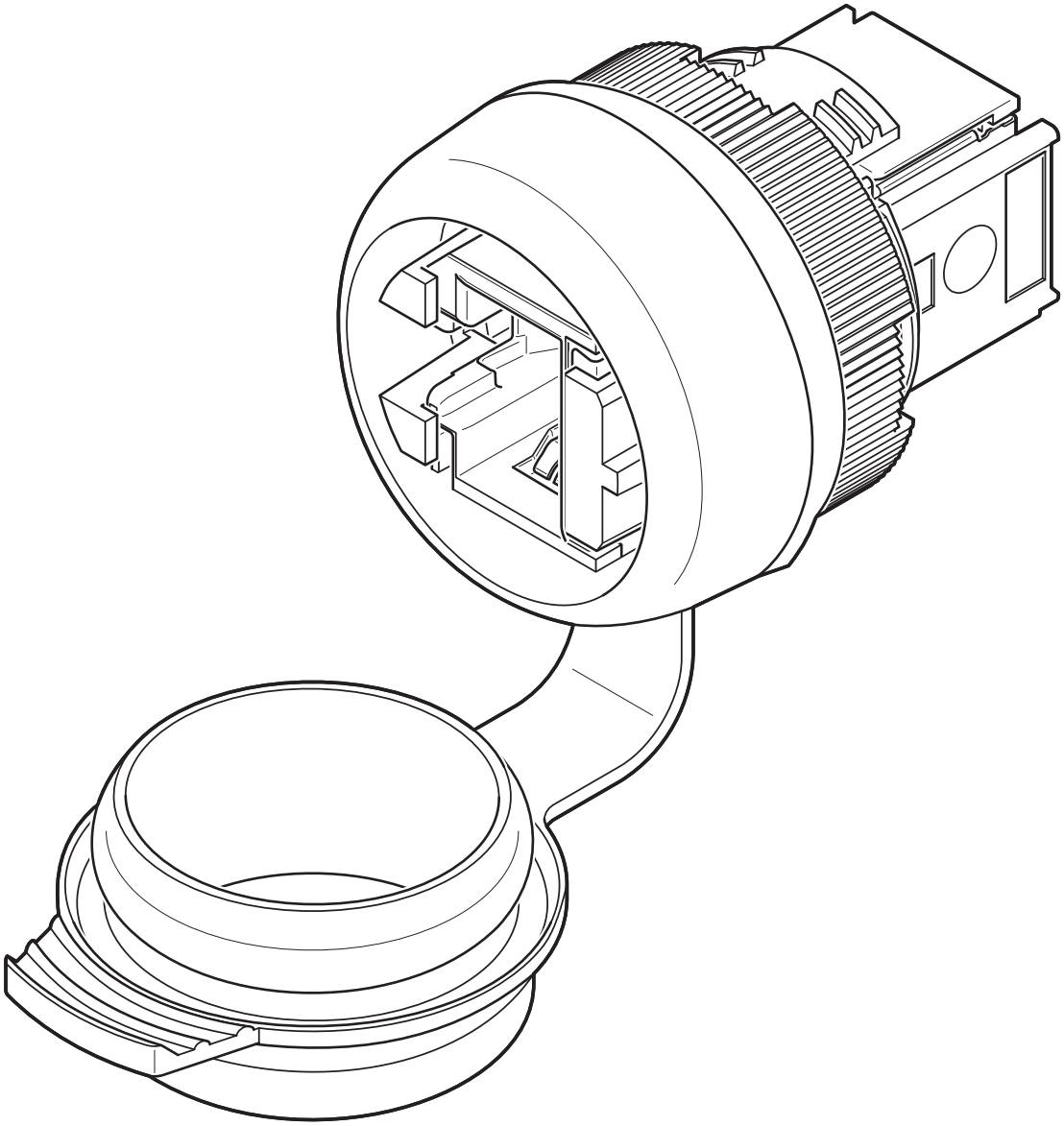

Dimensional drawing

Dimensional drawing



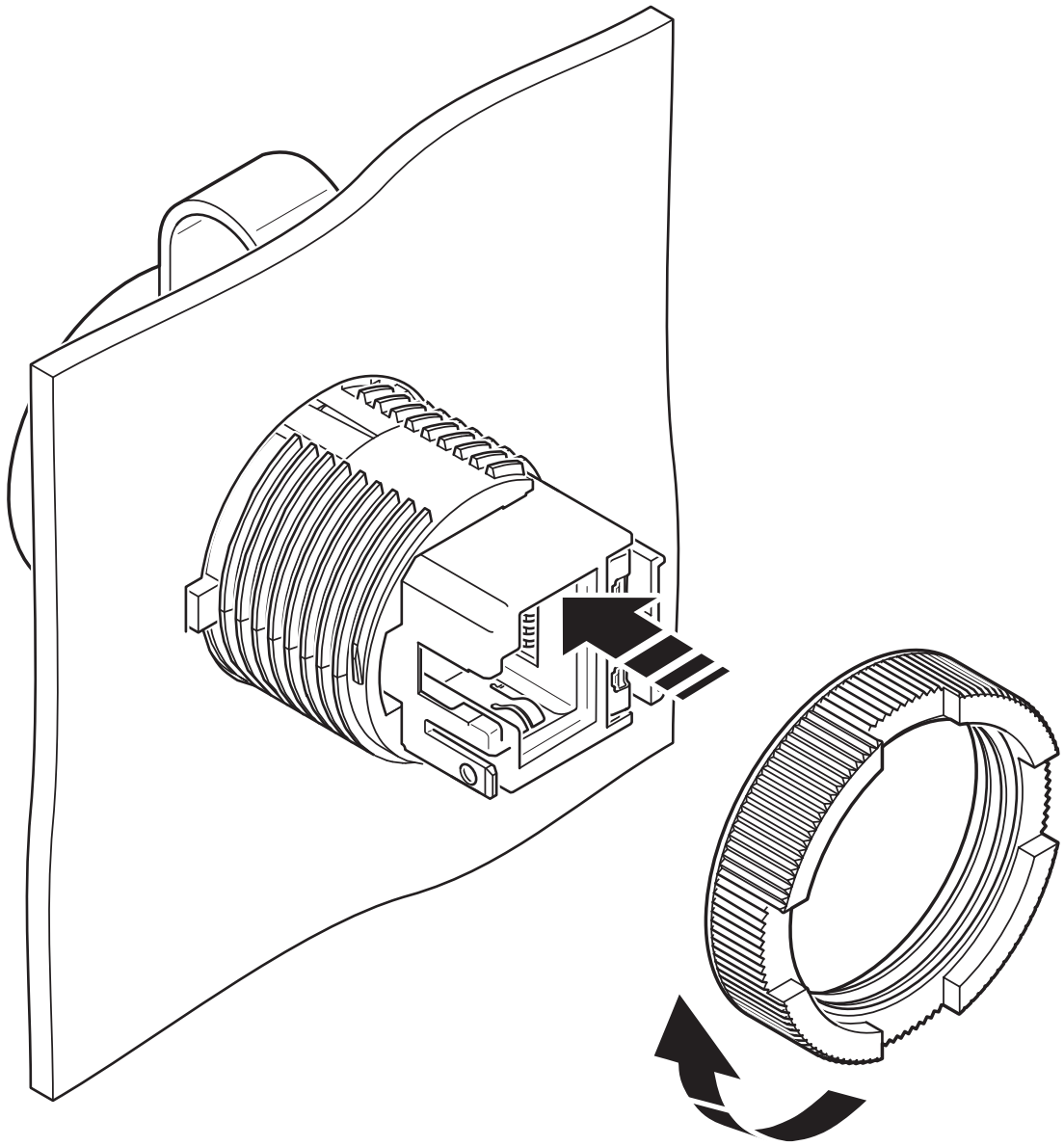

Mounting cutout

Schematic diagram



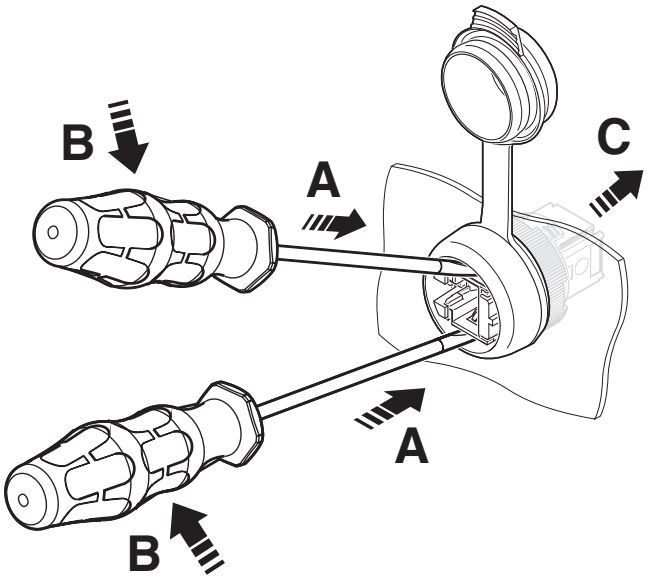
Schematic drawing 1

Schematic diagram



Schematic drawing 2

Schematic diagram




Schematic drawing 3

## Approvals

To download certificates, visit the product detail page: https://www.phoenixcontact.com/us/products/1425186

**UL Listed**
Approval ID: FILE E 335024

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## Classifications

### ECLASS

| | |
|---|---|
| ECLASS-13.0 | 27440209 |
| ECLASS-15.0 | 27440109 |

### ETIM

| | |
|---|---|
| ETIM 10.0 | EC002641 |

### UNSPSC

| | |
|---|---|
| UNSPSC 21.0 | 39121300 |

## 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 | 599206db-4889-47e3-bfb1-2dd86b2d86b0 |

EF3.1 Climate Change

| | |
|---|---|
| CO2e kg | 2.539 kg CO2e |

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