

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) | 31.3 g |
| Weight per piece (excluding packing) | 29.9 g |
| Customs tariff number | 85366990 |
| Country of origin | DE |

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Technical data

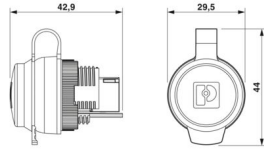
Product properties

| | |
|---------------------|------------------|
| 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 |
|---------------|--------------------------------|

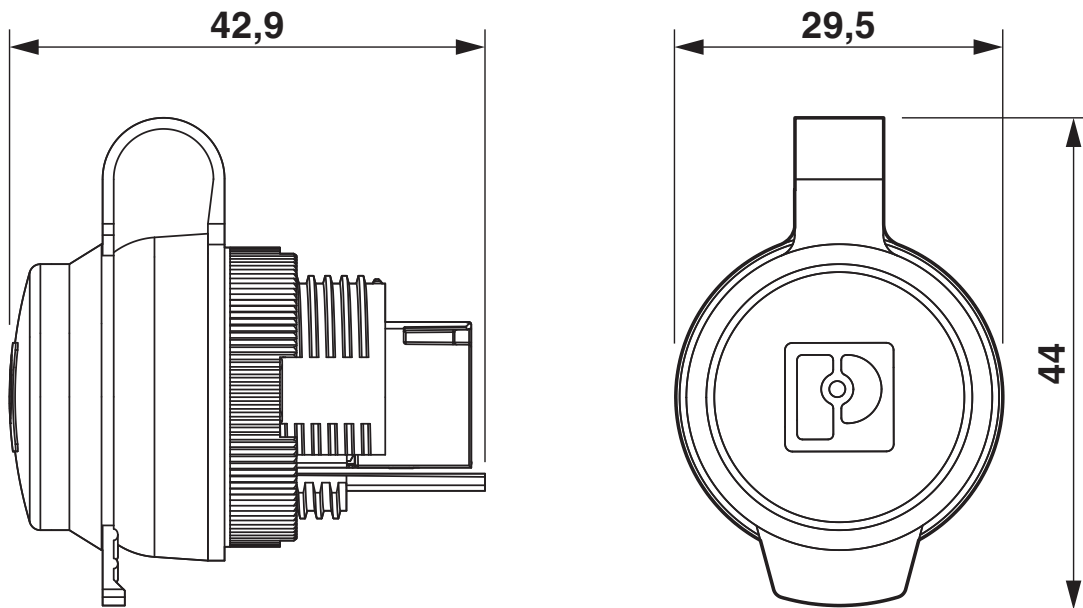
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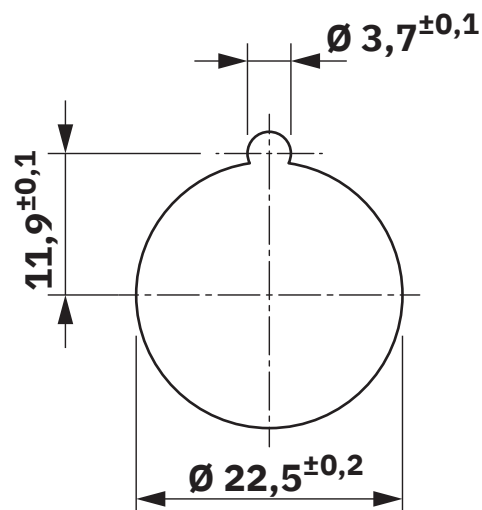
Drawings

Dimensional drawing



Dimensional drawing

Dimensional drawing



Mounting cutout

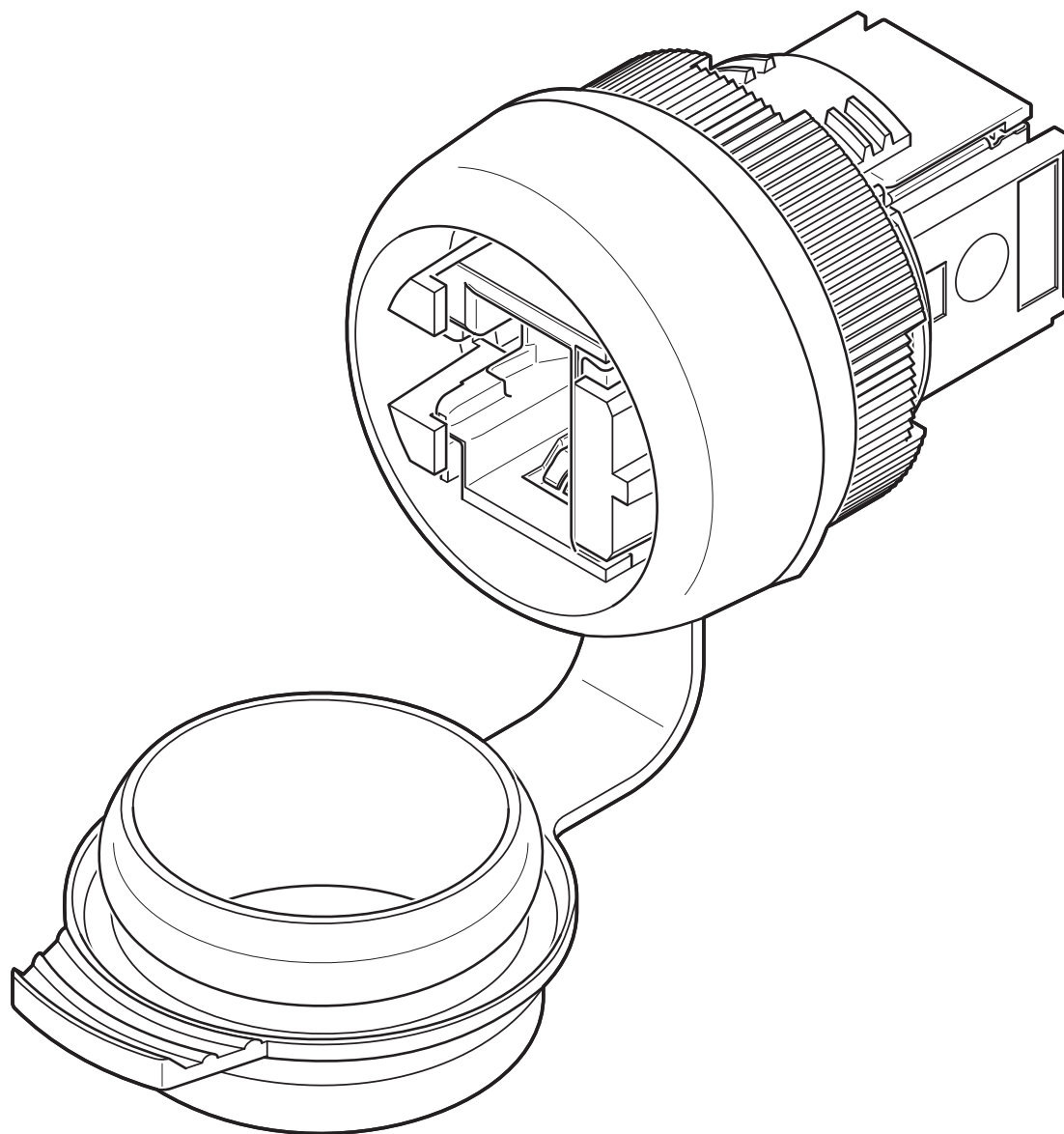
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Schematic diagram



Schematic drawing 1

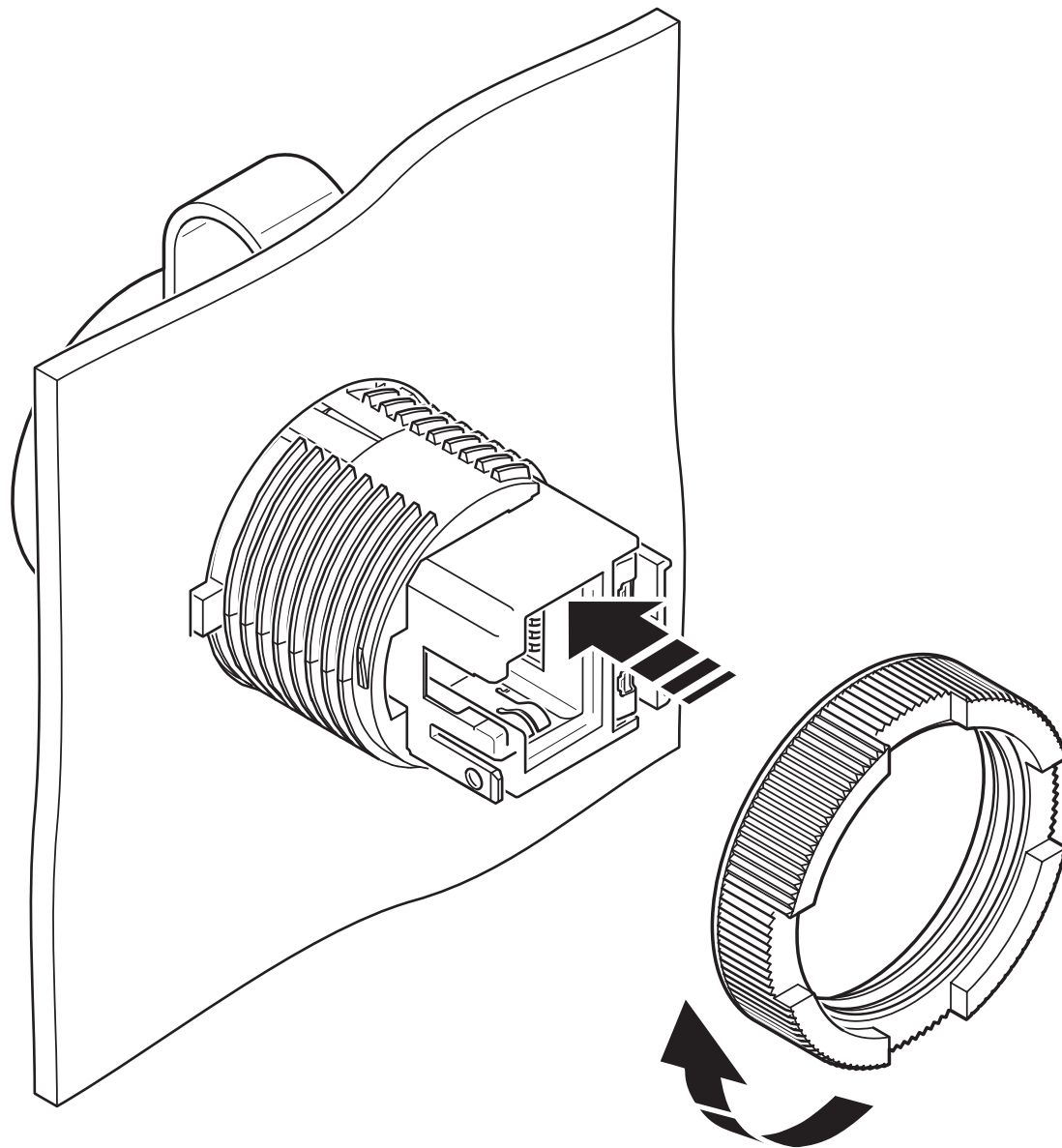
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Schematic diagram



Schematic drawing 2

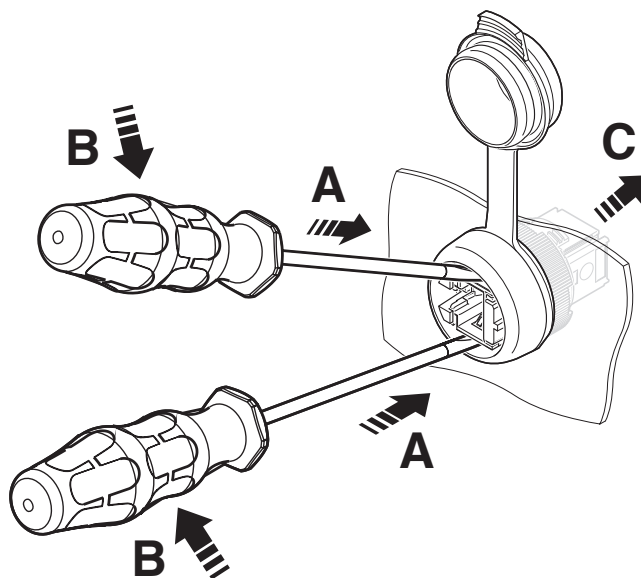
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Schematic diagram



Schematic drawing 3

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Approvals

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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 |
|-------------|----------|

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

EF3.1 Climate Change

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

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