SI-RND-R1A - Data interface

1425186

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

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.

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

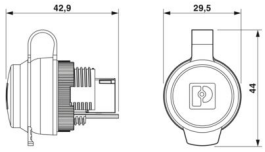
Product properties

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

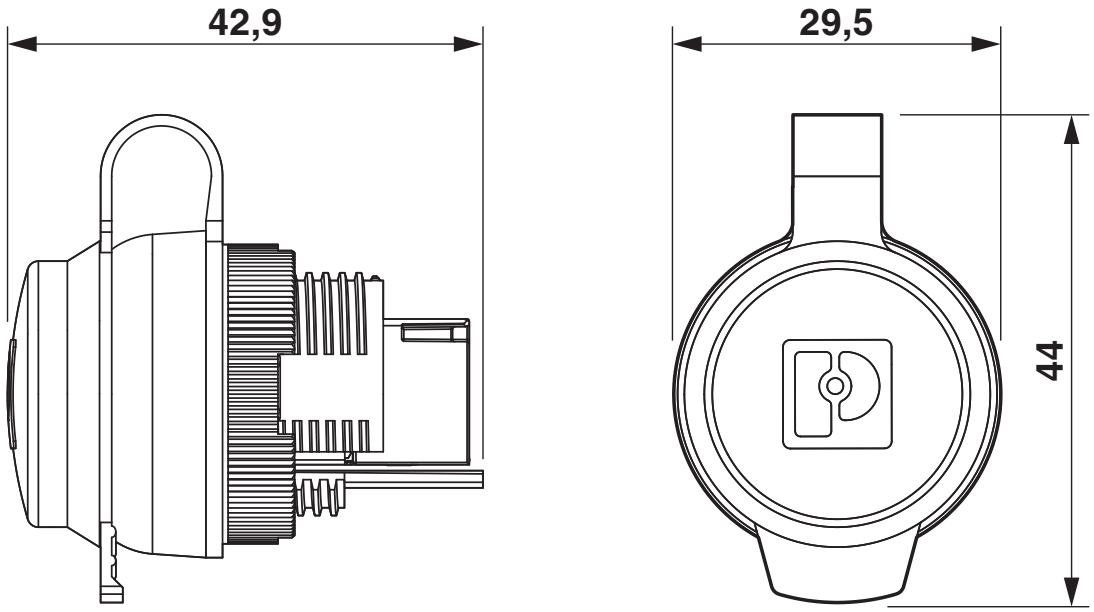
Degree of protection	IP65 (with closed protective cover)
Ambient temperature (operation)	-40 °C ... 70 °C

Mounting

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

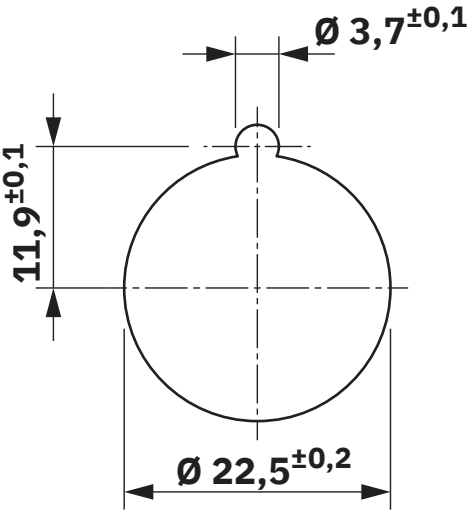
Drawings

Dimensional drawing



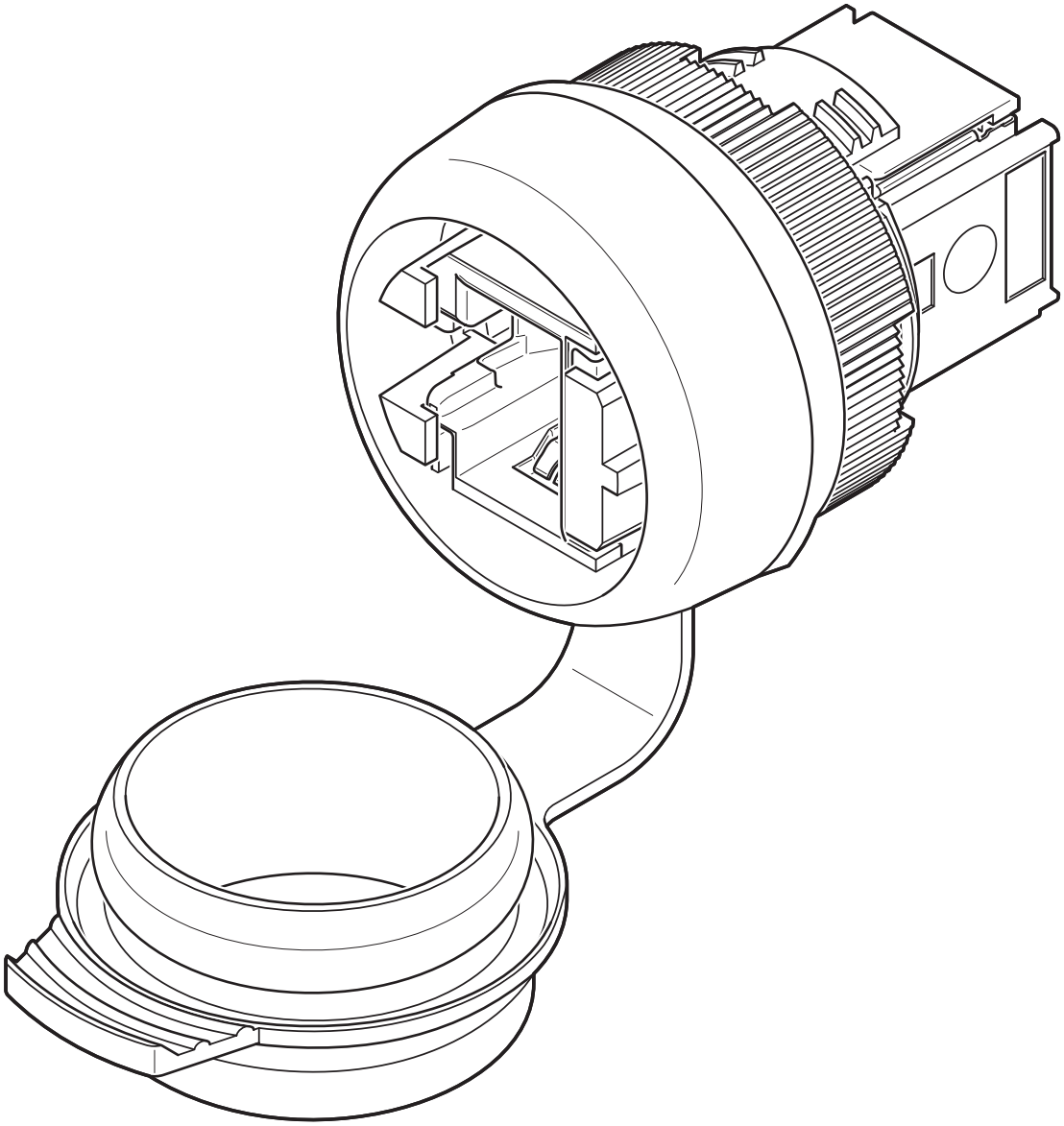
Dimensional drawing

Dimensional drawing



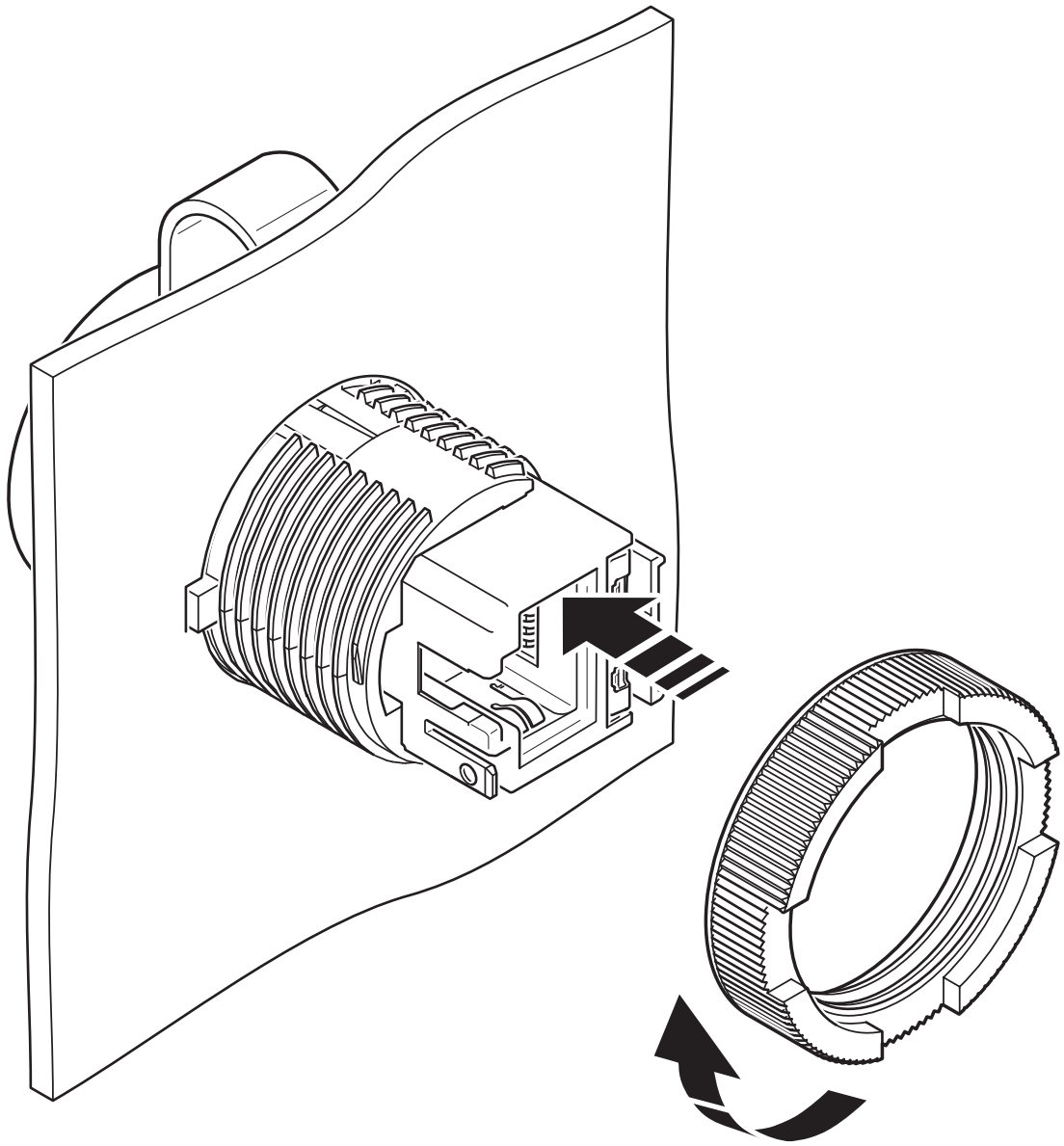
Mounting cutout

Schematic diagram



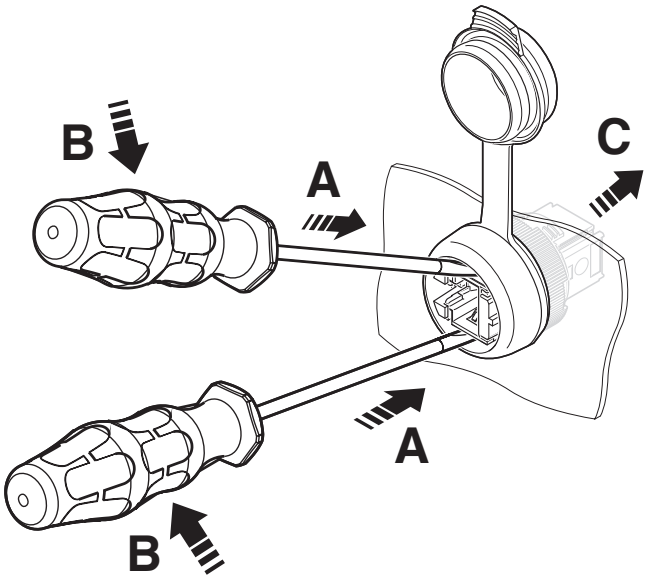
Schematic drawing 1

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

cUL Listed
Approval ID: FILE E 335024

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

Phoenix Contact 2026 © - all rights reserved
https://www.phoenixcontact.com

Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com