

CUC-V14-C1S-S/R4IE8 - RJ45 connector



1407906

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RJ45 connector, degree of protection: IP65/IP67, number of positions: 8, 1 Gbps, CAT5 (IEC 11801:2002), material: Metal, connection method: IDC fast connection, connection cross section: AWG 26- 24, cable outlet: straight

Product description

Push-pull connector, version 14

Your advantages

- Stainless steel design
- Push-pull ADVANCE connector
- Locking system to prevent inadvertent release
- Highest ESD and EMC resistance for reliable transmission

Commercial data

Item number	1407906
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Product key	ABNOAA
GTIN	4046356782081
Weight per piece (including packing)	107.6 g
Weight per piece (excluding packing)	22.22 g
Country of origin	PL

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Technical data

Product properties

Product type	Data connector (cable side)
Type	RJ45
Number of positions	8
Connection profile	RJ45
No. of cable outlets	1
Shielded	yes
Cable outlet	straight

Insulation characteristics

Overvoltage category	I
Degree of pollution	2

Electrical properties

Rated voltage (III/3)	72 V (DC)
Rated current	1.75 A
Frequency range	to 100 MHz
Insulation resistance	> 500 M Ω
Nominal voltage U_N	48 V
Transmission medium	Copper
Transmission speed	1 Gbps
Transmission characteristics (category)	CAT5
Transmission speed	1 Gbps
Power transmission	PoE++ in accordance with: IEEE 802.3bt
Wave impedance	100 Ω

Connection data

Connection technology

Connection method	IDC fast connection
Connection technology	QUICKON connection
Connection cross section AWG	26 ... 24 (solid)
	26 ... 24 (flexible)
Conductor cross-section	0.14 mm ² ... 0.23 mm ² (solid)
	0.14 mm ² ... 0.25 mm ² (flexible)

Dimensions

Width	22 mm
Height	34 mm
Length	80 mm

Material specifications

Flammability rating according to UL 94	V0
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Seal material	NBR
Housing material	Metal
Contact material	Copper alloy
Contact surface material	Gold over nickel
Contact carrier material	PC

Cable/line

External cable diameter	5.5 mm ... 10 mm
External cable diameter	5.5 mm ... 10 mm
Cable cross section	0.14 mm ²
Wave impedance	100 Ω

Mechanical properties

Mechanical data

Insertion/withdrawal cycles	≥ 750
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Environmental and real-life conditions

Ambient conditions

Degree of protection	IP65/IP67
Ambient temperature (operation)	-40 °C ... 80 °C
Ambient temperature (storage/transport)	-40 °C ... 80 °C
Ambient temperature (assembly)	-10 °C ... 40 °C

Standards and regulations

Standards/specifications	IEC 61076
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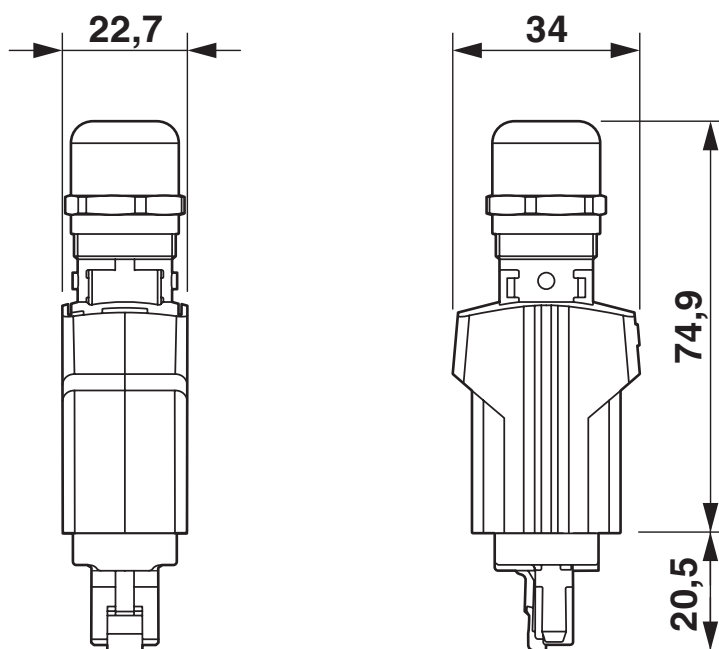
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Drawings

Dimensional drawing



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Classifications

ECLASS

ECLASS-13.0

27440116

ETIM

ETIM 9.0

EC002636

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)
	6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol(CAS: 119-47-1)
SCIP	cb0d1c8f-65e5-45f8-ab0a-5096e45f3146

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