

# RJ45 connector - CUC-V14-C1ZNI-B/R4P8:10 - 1422672

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Push-pull connector (version 14), die-cast zinc, with RJ45 connector insert, 8-pos., with IDC fast connection technology, for 1 and 7-wire cores, 23 ... 22 AWG, for cable diameter of 5.5 mm ... 10 mm

## Your advantages

- ✓ Push-pull ADVANCE connector
- ✓ Locking system to prevent inadvertent removal
- ✓ Protected data transmission, thanks to 360° shielding concept
- ✓ High resistance to ESD and EMC for reliable transmission



## Key Commercial Data

Packing unit	10 pc
Minimum order quantity	10 pc
GTIN	
GTIN	4055626311401

## Technical data

### Mechanical characteristics

Connection method	IDC fast connection
Minimum external conductor diameter	5.5 mm
Maximum external conductor diameter	10 mm
AWG solid min.	23
AWG solid max.	22
AWG multi-stranded min.	23
AWG multi-stranded max.	22
Cable outlet	angled
No. of cable outlets	1
Locking type	Push Pull
Conductor cross section	0.23 mm <sup>2</sup> ... 0.32 mm <sup>2</sup> (solid)

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## Technical data

### Mechanical characteristics

	0.23 mm <sup>2</sup> ... 0.36 mm <sup>2</sup> (flexible)
Weight	22.22 g

### Ambient conditions

Ambient temperature (operation)	-40 °C ... 70 °C
Ambient temperature (assembly)	-10 °C ... 40 °C
Ambient temperature (storage/transport)	-40 °C ... 70 °C

### Material data

Housing material	Zinc die-cast
Housing surface material	Nickel-plated
Width	22 mm
Height	50 mm
Length	80 mm

### Electrical characteristics

Transmission speed	1 Gbps
Connection cross section AWG	23 ... 22 (solid)
	23 ... 22 (flexible)
Rated current	1.75 A

### Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50 years
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

## Classifications

### eCl@ss

eCl@ss 10.0.1	27440101
eCl@ss 4.0	27260700
eCl@ss 4.1	27260700
eCl@ss 5.0	27260700
eCl@ss 5.1	27260700
eCl@ss 6.0	27260700
eCl@ss 7.0	27440101
eCl@ss 8.0	27440101
eCl@ss 9.0	27440101

### ETIM

ETIM 6.0	EC002636
ETIM 7.0	EC002636

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## Approvals

Approvals

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Approvals

EAC

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Ex Approvals

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## Approval details

EAC		B.01687
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## Accessories

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#### Panel mounting frame

Panel mounting frames - CUC-V14-F1ZNI-EM/R4F8 - 1413961



RJ45 panel mounting frame, IP67, for push-pull interlocking, metal, for rectangular mounting cutout, with seal and mounting screws, incl. RJ45 insert with IDC cable connection

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Panel mounting frames - CUC-V14-F1ZNI-EM/R4B8 - 1413962



RJ45 panel mounting frame, IP67, for push-pull interlocking, metal, for rectangular mounting cutout, with seal and mounting screws, incl. RJ45 coupling module

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Panel mounting frames - CUC-V14-F1ZNI-EM/R4O - 1413963



RJ45 panel mounting frame, IP67, for push-pull interlocking, metal, for PCB connection, for square panel cutout, with grommet and mounting screws

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## Protective cover

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### Accessories

Protective covers - VS-PPC-F1-PC-POBK - 1405316



Protective cover, IP65, with push-pull locking for covering the contact insert in the push-pull connector for RJ45 and SC-RJ, plastic

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Stripping tool - VS-CABLE-STRIP-VARIO - 1657407



Stripping tool, for the multi-level stripping of shielded cables

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