

RJ45 connector - CUC-V14-C1ZNI-S/R4P8 - 1422664

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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	1 pc
GTIN	 4 055626 311333
GTIN	4055626311333

Technical data

Mechanical characteristics

Connection method	IDC fast connection
Minimum external conductor diameter	5.5 mm
Maximum external conductor diameter	10 mm
Overvoltage category	I
AWG solid min.	23
AWG solid max.	22
AWG multi-stranded min.	23
AWG multi-stranded max.	22
Tightening torque max	2.5 Nm
Insertion/withdrawal cycles	≥ 750
Number of positions	8
Degree of protection	IP20

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Technical data

Mechanical characteristics

Degree of pollution	2
Cable outlet	straight
No. of cable outlets	1
Locking type	Push Pull
Conductor cross section	0.23 mm² ... 0.32 mm² (solid)
	0.23 mm² ... 0.36 mm² (flexible)
Weight	103.5 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

Contact surface material	Au/Ni
Contact material	Cu/Sn
Contact carrier material	PC
Cable gland material	CuZn
Seal material	CR
	NBR
	NBR
Housing material	Zinc die-cast
Housing surface material	Nickel-plated
Seal material, O-ring	NBR
Seal material cable seal	CR
Seal material	NBR
Width	22.4 mm
Height	34 mm
Length	95 mm
Wrench size	20.00 mm

Electrical characteristics

Transmission speed	1 Gbps
Resistance	500 MΩ
Connection cross section AWG	23 ... 22 (solid)
	23 ... 22 (flexible)
Rated current	1.75 A
Test voltage Core/Core	1000 V
Test voltage Core/Shield	1500 V
Degree of protection when not plugged in	IP20

Standards and Regulations

Standards/specifications	IEC 61076
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Standards and Regulations

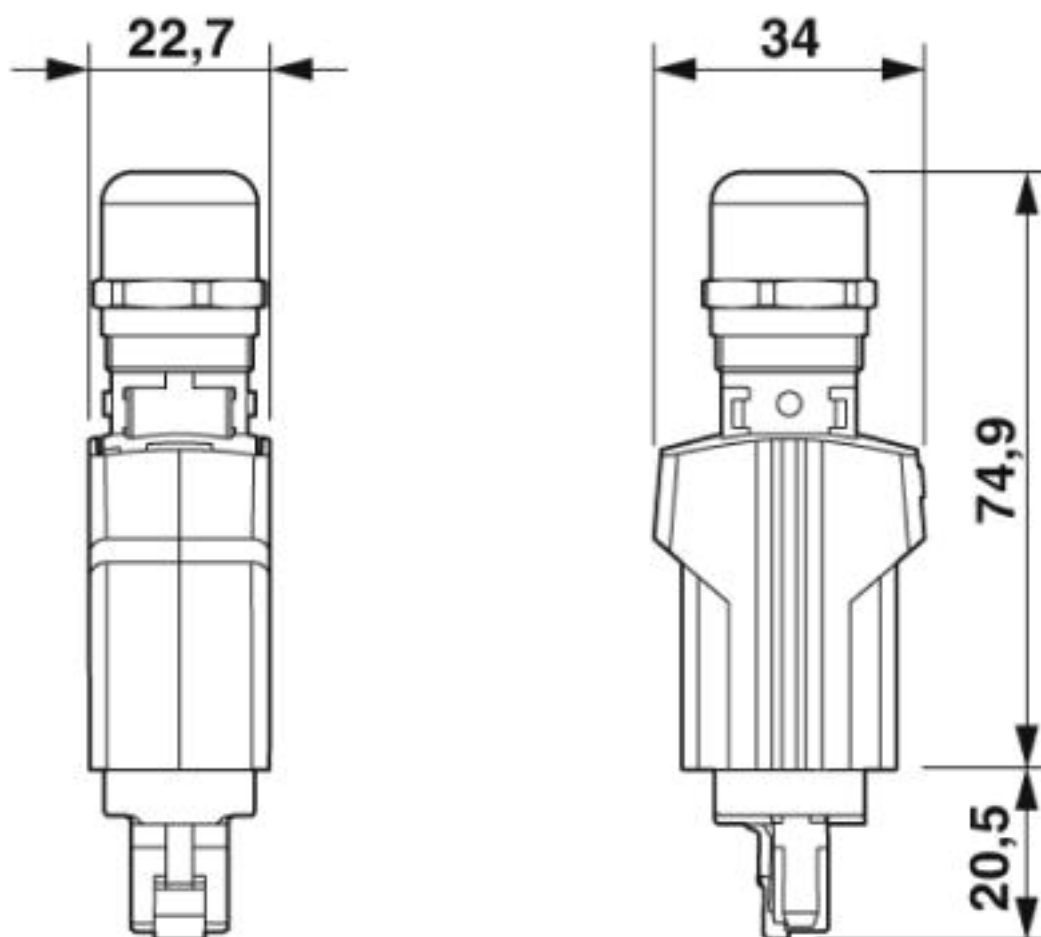
Flammability rating according to UL 94	V0
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Environmental Product Compliance

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"

Drawings

Dimensional drawing



Classifications

eCl@ss

eCl@ss 10.0.1	27440101
eCl@ss 4.0	27260700

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Classifications

eCl@ss

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 5.0	EC002636
ETIM 6.0	EC002636
ETIM 7.0	EC002636

Approvals

Approvals

Approvals

EAC

Ex Approvals

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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Accessories

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

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

Protective cover

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

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



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