

https://www.phoenixcontact.com/cn/products/1414395



## RJ45 connector - CUC-STD-C1PGY-S/R4EA:1 - 1414395


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's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)



RJ45 connector, Degree of protection: IP20, Number of positions: 8, 10 Gbps, CAT6<sub>A</sub>, Material: PA, Connection method: IDC connection technology, Connection cross section: AWG 24-27, Cable exit: straight



### Key Commercial Data

Packing unit	1 STK
GTIN	 4 055626 027098
GTIN	4055626027098
Sales Key	ABNAAA

### Technical data

#### Mechanical characteristics

Number of positions	8
Connection profile	RJ45
Shielded	yes
Insertion/withdrawal cycles	≥ 750
Connection method	IDC connection technology
Type of contact	Crimp contacts
Conductor cross section	0.1 mm <sup>2</sup> ... 0.2 mm <sup>2</sup> (stranded)
Connection cross section AWG	24 ... 27 (stranded)
External cable diameter	7 mm
Cable exit	straight
Color	gray
Degree of protection	IP20
No. of cable outlets	1

#### Ambient conditions

Ambient temperature (operation)	-25 °C ... 60 °C
---------------------------------	------------------

https://www.phoenixcontact.com/cn/products/1414395



# RJ45 connector - CUC-STD-C1PGY-S/R4EA:1 - 1414395

## Technical data

### Material data

Flammability rating according to UL 94	V2
Housing material	PA
Contact carrier material	PC
Contact material	Phosphor bronze
Contact surface material	Gold

### Electrical characteristics

Number of positions	8
Nominal voltage $U_N$	50 V
Nominal current $I_N$	1.75 A
Transmission characteristics (category)	CAT6 <sub>A</sub>
GRP transmission properties	CAT6 <sub>A</sub>
Transmission speed	10 Gbps (500 MHz)
Rated current	1 A
Overvoltage category	I
Degree of pollution	2
Rated voltage (III/3)	125 V

### Standards and Regulations

Flammability rating according to UL 94	V2
--	----

### Environmental Product Compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

## Approvals

### Approvals

Approvals

EAC

Ex Approvals

### Approval details

EAC		B.01742
-----	--	---------

<https://www.phoenixcontact.com/cn/products/1414395>



Phoenix Contact 2017 © - all rights reserved  
<http://www.phoenixcontact.com>