Phoenix | 菲尼克斯 1656725 PDF

PHŒNIX CONTACT

INSPIRING INNOVATIONS

深圳创唯电子有限公司

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RJ45 connector - VS-08-RJ45-5-Q/IP20 - 1656725

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RJ45 connector, degree of protection: IP20, number of positions: 8, 1 Gbps, CAT5 (IEC 11801:2002), material: PA, connection method: IDC fast connection, connection cross section: AWG 26- 23, cable outlet: straight, color: traffic grey A RAL 7042, Ethernet

Your advantages

☑ assembly without special tools

☑ UL

☑ GL

☑ Solid and stranded wires (1- and 7-wire)

RoHS   **IDC**   **IP20**

Ethernet Ethernet

Key Commercial Data

Packing unit	1 pc
GTIN	4 046356 030045
GTIN	4046356030045
Custom tariff number	8536901900
Sales Key	ABNAAA

Technical data

Mechanical characteristics

Connection method	IDC fast connection
Minimum external conductor diameter	4.5 mm
Maximum external conductor diameter	8 mm
Overvoltage category	I
AWG solid min.	26
AWG solid max.	23
AWG multi-stranded min.	26
AWG multi-stranded max.	23
Insertion/withdrawal cycles	$\geq$ 1000
Number of positions	8

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Technical data

Mechanical characteristics

Degree of pollution	1
Cable outlet	straight
No. of cable outlets	1
Locking type	Locking clips
Conductor cross section	0.13 mm² ... 0.25 mm² (solid)
	0.14 mm² ... 0.25 mm² (flexible)
Weight	10.5 g
Flammability rating according to UL 94	V0

Ambient conditions

Ambient temperature (operation)	-20 °C ... 70 °C

Material data

Contact surface material	Au/Ni
Contact material	Cu/Sn
Contact carrier material	PC
Cable gland material	PA
Housing material	PA
Width	14 mm
Height	14.6 mm
Length	56 mm
Housing surface material 1	PA, light gray

Electrical characteristics

Number of positions	8
Nominal voltage U_N	48 V
Nominal current I_N	1.75 A
Transmission speed	1 Gbps
Transmission characteristics (category)	CAT5 (IEC 11801:2002)
GRP transmission properties	CAT5 (IEC 11801:2002) CAT5 (IEC 11801:2002)
Transmission speed	1 Gbps
Frequency range	to 100 MHz
Rated current	1.75 A
Overvoltage category	I
Degree of pollution	1
Contact resistance	0.001 Ω (Wire – IDC)
	0.005 Ω (Litz wires – IDC)
Rated voltage (III/3)	72 V (DC)

Standards and Regulations

Flammability rating according to UL 94	V0

Environmental Product Compliance

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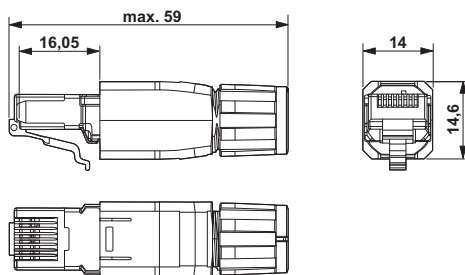
Technical data

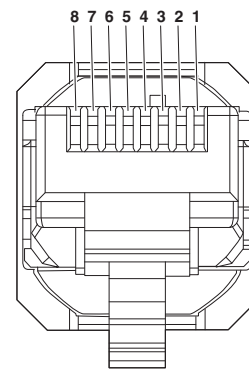### Environmental Product Compliance

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

Drawings

Dimensional drawing

Schematic diagram

RJ45 connector, IP20

Classifications

eCl@ss

eCl@ss 10.0.1	27440101
eCl@ss 11.0	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 9.0	27440101

ETIM

ETIM 2.0	EC000764
ETIM 3.0	EC001121
ETIM 4.0	EC001121
ETIM 6.0	EC002636
ETIM 7.0	EC002636

UNSPSC

UNSPSC 6.01	30211824
UNSPSC 7.0901	31261501

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Classifications

UNSPSC

UNSPSC 11	31261501
UNSPSC 12.01	31261501
UNSPSC 13.2	39121409
UNSPSC 18.0	39121409
UNSPSC 19.0	39121409
UNSPSC 20.0	39121409
UNSPSC 21.0	39121409

Approvals

Approvals

Approvals

DNV GL / UL Listed / cUL Listed / EAC / cULus Listed

Ex Approvals

Approval details

DNV GL		https://approvalfinder.dnvgl.com/	TAE000020F

UL Listed		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 335024

cUL Listed		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 335024

EAC			B.01687

cULus Listed			

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Accessories

Accessories

Coding element

RJ45 coding rings - VS-08-RJ45-Q-COD-SET - 1656893

Coding set, for color encoding of the RJ45 QUICKON connector, consisting of 80 color rings, 10 rings each in the colors: white, blue, red, green, yellow, violet, brown, gray

RJ45 coding rings - VS-08-RJ45-Q-COD-BU - 1658134

Coding rings, for color coding of the RJ45 QUICKON connector, consisting of 10 color rings, color: Blue

RJ45 coding rings - VS-08-RJ45-Q-COD-BN - 1658147

Coding rings, for color coding of the RJ45 QUICKON connector, consisting of 10 color rings, color: Brown

RJ45 coding rings - VS-08-RJ45-Q-COD-YE - 1658150

Coding rings, for color coding of the RJ45 QUICKON connector, consisting of 10 color rings, color: Yellow

RJ45 coding rings - VS-08-RJ45-Q-COD-GY - 1658163

Coding rings, for color coding of the RJ45 QUICKON connector, consisting of 10 color rings, color: Gray

RJ45 connector - VS-08-RJ45-5-Q/IP20 - 1656725

Accessories

RJ45 coding rings - VS-08-RJ45-Q-COD-GN - 1658176

Coding rings, for color coding of the RJ45 QUICKON connector, consisting of 10 color rings, color: Green

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RJ45 coding rings - VS-08-RJ45-Q-COD-RD - 1658189

Coding rings, for color coding of the RJ45 QUICKON connector, consisting of 10 color rings, color: Red

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RJ45 coding rings - VS-08-RJ45-Q-COD-VT - 1658192

Coding rings, for color coding of the RJ45 QUICKON connector, consisting of 10 color rings, color: Violet

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RJ45 coding rings - VS-08-RJ45-Q-COD-BK - 1658202

Coding rings, for color coding of the RJ45 QUICKON connector, consisting of 10 color rings, color: Black

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Data cable by the meter

Network cable - VS-OE-OE-93B-100,0 - 1416389

Network cable, PROFINET CAT5 (100 Mbps), 4-position, PVC, green RAL 6018, shielded, free cable end, on free cable end, cable length: 100 m

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RJ45 connector - VS-08-RJ45-5-Q/IP20 - 1656725

Accessories

Network cable - VS-OE-OE-93B/... - 1417362

Network cable, PROFINET CAT5 (100 Mbps), 4-position, PVC, green RAL 6018, shielded, free cable end, on free cable end, cable length: Free entry (0.5 ... 400 m)

Network cable - VS-OE-OE-94B-100,0 - 1416567

Network cable, Ethernet CAT5 (1 Gbps), 8-position, PUR halogen-free, water blue RAL 5021, shielded, free cable end, on free cable end, cable length: 100 m

Network cable - VS-OE-OE-94B/... - 1417333

Network cable, Ethernet CAT5 (1 Gbps), 8-position, PUR halogen-free, water blue RAL 5021, shielded, free cable end, on free cable end, cable length: Free entry (0.5 ... 400 m)

Female insert

RJ45 socket insert - CUC-I-J1ZNI-S/R4IDC8 - 1417274

RJ45 socket insert, type: RJ45, degree of protection: IP20, number of positions: 8, 10 Gbps, CAT6$_A$, material: Zinc die-cast, connection method: IDC connection, connection cross section: AWG 26- 22, cable outlet: straight, Adapter-free design

RJ45 socket insert - CUC-F-J1ZNI-S/R4IDC8 - 1418984

RJ45 socket insert, type: RJ45, degree of protection: IP20, number of positions: 8, 10 Gbps, CAT6$_A$, material: Zinc die-cast, connection method: IDC connection, connection cross section: AWG 26- 22, Freenet design for use with IP67 panel mounting frame and terminal outlets

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Accessories

RJ45 socket insert - CUC-K-J1ZNI-S/R4IDC8 - 1419021

RJ45 socket insert, type: RJ45, degree of protection: IP20, number of positions: 8, 10 Gbps, CAT6$_A$, material: Zinc die-cast, connection method: IDC connection, connection cross section: AWG 26- 22, Keystone design for use with IP20 panel mounting frame or integrated directly into the housing panel

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Patch panel

DIN rail adapter - NBC-PP-G1PGY - 1041740

DIN rail adapter, type: Headers with shielding, degree of protection: IP20, material: PC-GF10, without assembled modules

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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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