PHŒNIX CONTACT

RJ45 connector - VS-08-RJ45-Q - 1402420

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RJ45 connector, Degree of protection: IP20, Number of positions: 8, CAT5 (IEC 11801:2002), Material: PA 6.6, Connection method: IDC fast connection, Connection cross section: AWG 26-24, Cable exit: straight

RoHS

Ethernet

Key Commercial Data

Packing unit	1 STK
GTIN	
GTIN	4046356615501
Weight per Piece (excluding packing)	12.100 g
Custom tariff number	85366990
Country of origin	Germany
Note	Made to Order (non-returnable)

Technical data

Mechanical characteristics

Number of positions	8
Connection profile	RJ45
Shielded	yes
Insertion/withdrawal cycles	≥ 750
Connection method	IDC fast connection
Conductor cross section	0.13 mm² ... 0.21 mm² (solid)
	0.14 mm² ... 0.23 mm² (7-wire)
Connection cross section AWG	26 ... 24 (solid)
	26 ... 24 (7-wire)
Max. cable diameter	4.5 mm ... 8 mm
External cable diameter	4.5 mm ... 8 mm
Cable exit	straight
Color	green

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Technical data

Mechanical characteristics

Wire diameter including insulation	1.6 mm
Degree of protection	IP20
No. of cable outlets	1

Ambient conditions

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

Material data

Flammability rating according to UL 94	V2
Housing material	PA 6.6
Contact material	CuSn

Electrical characteristics

Number of positions	8
Nominal voltage U_N	50 V
Nominal current I_N	1.75 A
Transmission characteristics (category)	CAT5 (IEC 11801:2002)
GRP transmission properties	CAT5 (IEC 11801:2002)
Rated current	1.75 A
Overvoltage category	I
Degree of pollution	2

Standards and Regulations

Flammability rating according to UL 94	V2

Environmental Product Compliance

REACh SVHC	DOTE 15571-58-1
China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Drawings

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Dimensional drawing
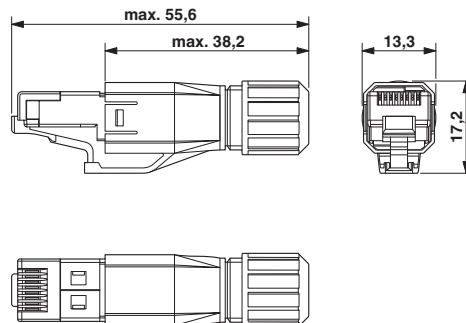
RJ45 connector, IP20

Classifications

eCl@ss

eCl@ss 4.0	27140816
eCl@ss 4.1	27260701
eCl@ss 5.0	27260701
eCl@ss 5.1	27260701
eCl@ss 6.0	27260705
eCl@ss 7.0	27440309
eCl@ss 8.0	27440101
eCl@ss 9.0	27440101

ETIM

ETIM 4.0	EC001121
ETIM 5.0	EC002636
ETIM 6.0	EC002636

UNSPSC

UNSPSC 6.01	31261501
UNSPSC 7.0901	31261501
UNSPSC 11	31261501
UNSPSC 12.01	31261501
UNSPSC 13.2	39121409

Approvals

Approvals

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UL Listed / cUL Listed / EAC / cULus Listed

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Approvals

Ex Approvals

Approval details

UL Listed		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	E335024-20150529
Nominal current IN		1.75 A	
Nominal voltage UN		57 V	

cUL Listed		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	E335024-20150529
Nominal current IN		1.75 A	
Nominal voltage UN		57 V	

EAC			B.01742

cULus Listed		

Accessories

Accessories

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

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

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Accessories

Shielding foil - VS-08-RJ45-FOLIEN-SET - 1417184

Shielding foil set, 25 pieces, replacement for RJ45 and M12 Quickon connector