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

Ethernet

Key Commercial Data

Packing unit	1 pc
Weight per Piece (excluding packing)	20.0 g
Custom tariff number	85366990
Country of origin	Germany

Technical data

Environmental Product Compliance

REACh SVHC	DOTE 15571-58-1

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

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)
Rated current	1.75 A
Overvoltage category	I
Degree of pollution	2

Standards and Regulations

Flammability rating according to UL 94	V2

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

ETIM

ETIM 4.0	EC001121
ETIM 5.0	EC002636

UNSPSC

UNSPSC 6.01	31261501
UNSPSC 7.0901	31261501
UNSPSC 11	31261501
UNSPSC 12.01	31261501

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Classifications

UNSPSC

UNSPSC 13.2	31261501

Approvals

Approvals

Approvals

EAC / EAC / UL Listed / cUL Listed / EAC / cULus Listed

Ex Approvals

Approvals submitted

Approval details

EAC

EAC

UL Listed (UL)

Nominal current IN	1.75 A
Nominal voltage UN	57 V

cUL Listed (UL)

Nominal current IN	1.75 A
Nominal voltage UN	57 V

EAC

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Approvals

cULus Listed

Accessories

Accessories

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

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

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

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

Drawings

Dimensional drawing

max. 55,6

max. 38,2

13,3

17,2
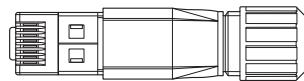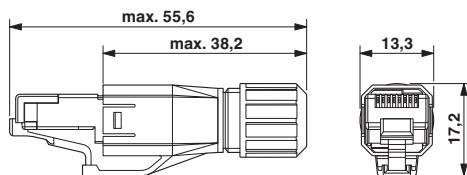
RJ45 connector, IP20

Mouser Electronics

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