PHŒNIX CONTACT

RJ45 connector - VS-08-RJ45-5-Q/IP67 - 1656990

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RJ45 connector, IP20, CAT5e, 8-pos., with QUICKON fast connection technology, for 26 ... 24 AWG 1-wire and 7-wire conductors, for cable diameter of 5.0 mm ... 8.0 mm, labeling: TIA 568 B, color: gray

Product Features

- assembly without special tools
- High-quality and inexpensive solution in the IP protection zone
- UL
- Simple operation
- IP65/67

Ethernet

Key Commercial Data

Packing unit	1 pc
Weight per Piece (excluding packing)	31.6 g
Custom tariff number	85366990
Country of origin	Germany

Technical data

Mechanical characteristics

Number of positions	8
Connection profile	RJ45
Shielded	yes
Insertion/withdrawal cycles	≥ 1000
Connection method	IDC fast connection
Conductor cross section	0.14 mm² ... 0.36 mm² (solid)
	0.14 mm² ... 0.36 mm² (stranded)
Connection cross section AWG	26 ... 23 (solid)
	26 ... 23 (stranded)

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Technical data

Mechanical characteristics

External cable diameter	5 mm ... 8.5 mm
Cable exit	straight
Color	traffic grey A RAL 7042

Ambient conditions

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

Material data

Flammability rating according to UL 94	V0
Housing material	PA
Contact carrier material	PC
Contact material	Copper alloy
Contact surface material	Gold over nickel
O-ring material	FPM
Cable seal material	NBR
Material housing intermediate seal	NBR

Electrical characteristics

Number of positions	8
Transmission characteristics (category)	CAT5 (IEC 11801:2002)
Rated current	1.75 A
Overvoltage category	I
Degree of pollution	2
Contact resistance	0.001 Ω (Wire – IDC)
	0.005 Ω (Litz wires – IDC)

Standards and Regulations

Connection in acc. with standard	CUL
Flammability rating according to UL 94	V0

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

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Classifications

eCl@ss

eCl@ss 8.0	27440101

ETIM

ETIM 2.0	EC000764
ETIM 3.0	EC001121
ETIM 4.0	EC001121
ETIM 5.0	EC002636

UNSPSC

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

Approvals

Approvals

Approvals

UL Recognized / cUL Recognized / EAC / EAC / EAC / cULus Recognized

Ex Approvals

Approvals submitted

Approval details

UL Recognized	
mm²/AWG/kcmil	22
Nominal current IN	1.75 A
Nominal voltage UN	50 V

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Approvals

cUL Recognized	
mm²/AWG/kcmil	22
Nominal current IN	1.75 A
Nominal voltage UN	50 V

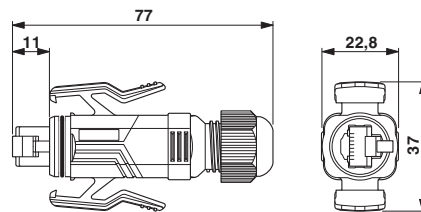| |
|---|
| EAC |

EAC

EAC

cULus Recognized

Drawings

Dimensional drawing

RJ45 connectors, IP67, QUICKON fast connection technology

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