

## RJ45 connector - VS-PN-RJ45-5-Q/IP20 - 1658435

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RJ45 connector, Degree of protection: IP20, Number of positions: 4, 100 Mbps, CAT5 (IEC 11801:2002), Material: PA, Connection method: IDC fast connection, Connection cross section: AWG 22-22, Cable exit: straight



### Key Commercial Data

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

### Technical data

#### Mechanical characteristics

Number of positions	4
Connection profile	RJ45
Shielded	yes
Insertion/withdrawal cycles	≥ 1000
Connection method	IDC fast connection
Conductor cross section	0.32 mm <sup>2</sup> ... 0.32 mm <sup>2</sup> (solid) 0.36 mm <sup>2</sup> ... 0.36 mm <sup>2</sup> (stranded)
Connection cross section AWG	22 ... 22 (solid) 22 ... 22 (stranded)
External cable diameter	4.5 mm ... 8 mm
Cable exit	straight
Color	traffic grey A RAL 7042

#### Ambient conditions

Ambient temperature (operation)	-10 °C ... 60 °C
Ambient temperature (storage/transport)	-40 °C ... 70 °C

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### Technical data

#### 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
Material	Plastic

#### Electrical characteristics

Number of positions	4
Transmission characteristics (category)	CAT5 (IEC 11801:2002)
Rated current	1.75 A
Overvoltage category	I
Degree of pollution	1
Contact resistance	< 0.001 $\Omega$ (Wire – IDC)
	< 0.005 $\Omega$ (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	272607xx
eCl@ss 4.1	27260701
eCl@ss 5.0	27260701
eCl@ss 5.1	27260701
eCl@ss 6.0	27260708
eCl@ss 7.0	27440312
eCl@ss 8.0	27440101

#### ETIM

ETIM 3.0	EC001121
ETIM 4.0	EC001121
ETIM 5.0	EC002636

#### UNSPSC

UNSPSC 6.01	31261501
UNSPSC 7.0901	31261501

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## Classifications

### UNSPSC

UNSPSC 11	31261501
UNSPSC 12.01	31261501
UNSPSC 13.2	31261501

## Approvals

### Approvals

#### Approvals

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

#### Ex Approvals

#### Approvals submitted

## Approval details

UL Recognized	
mm <sup>2</sup> /AWG/kcmil	22
Nominal current I <sub>N</sub>	1.75 A
Nominal voltage U <sub>N</sub>	50 V

cUL Recognized	
mm <sup>2</sup> /AWG/kcmil	22
Nominal current I <sub>N</sub>	1.75 A
Nominal voltage U <sub>N</sub>	50 V

EAC
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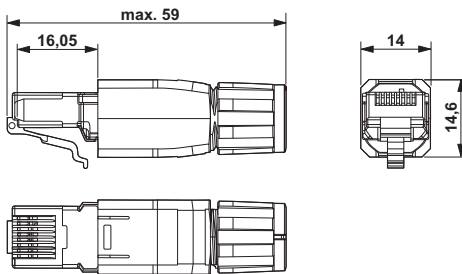
## Approvals

EAC

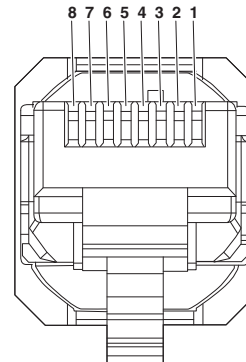
cULus Recognized US

## Drawings

Dimensional drawing



Schematic diagram



RJ45 connector, IP20