

RJ45 connector - VS-PPC-C1-RJ45-MNNA-PG9-8Q5 - 1608016

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)



Push/pull connector (version 14), metal, with RJ45 QUICKON connector, 8-pos., with QUICKON fast connection technology, for 1-wire and 7-wire conductors 26...24 AWG, for a cable diameter of 5.0 mm ... 8.0 mm

Push/pull connector



Key Commercial Data

Packing unit	1 pc
Weight per Piece (excluding packing)	68.6 g
Custom tariff number	85366990
Country of origin	Germany

Technical data

Mechanical characteristics

Standards/specifications	IEC PAS 61076-3-117
Number of positions	8
Connection profile	RJ45
Locking type	Push Pull
Shielded	yes
Insertion/withdrawal cycles	≥ 250
Connection method	IDC fast connection
Conductor cross section	0.13 mm ² ... 0.32 mm ² (solid) 0.14 mm ² ... 0.36 mm ² (stranded)
Connection cross section AWG	26 ... 22 (solid) 26 ... 22 (stranded)
External cable diameter	5 mm ... 8 mm
Cable exit	straight
Color	silver

Ambient conditions

RJ45 connector - VS-PPC-C1-RJ45-MNNA-PG9-8Q5 - 1608016

Technical data

Ambient conditions

Ambient temperature (operation)	-40 °C ... 70 °C
Degree of protection	IP65/IP67

Material data

Flammability rating according to UL 94	V0
Housing material	Zinc die-cast
Housing surface material	Nickel-plated
Contact carrier material	PC
Contact material	Copper alloy
Contact surface material	Gold over nickel
O-ring material	NBR
Cable seal material	TPE
Material housing intermediate seal	NBR

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
Contact resistance	0.001 Ω (Wire – IDC) 0.005 Ω (Litz wires – IDC)

Standards and Regulations

Standards/regulations	IEC PAS 61076-3-117
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

RJ45 connector - VS-PPC-C1-RJ45-MNNA-PG9-8Q5 - 1608016

Classifications

eCl@ss

eCl@ss 8.0	27440312
------------	----------

ETIM

ETIM 3.0	EC001121
ETIM 4.0	EC001121
ETIM 5.0	EC001121

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 / cULus Recognized

Ex Approvals

Approvals submitted

Approval details

UL Recognized	
mm ² /AWG/kcmil	22
Nominal current I _N	1.75 A
Nominal voltage U _N	50 V

RJ45 connector - VS-PPC-C1-RJ45-MNNA-PG9-8Q5 - 1608016

Approvals

cUL Recognized	
mm ² /AWG/kcmil	22
Nominal current I _N	1.75 A
Nominal voltage U _N	50 V

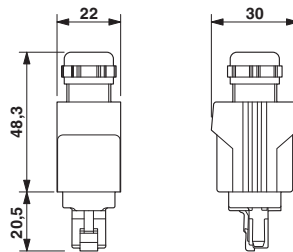
EAC

EAC

cULus Recognized

Drawings

Dimensional drawing



Push-pull RJ45 connector IP65/67