

RJ45 connector - VS-PPC-C1-RJ45-MNNA-PG9-4Q5 - 1608100

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://download.phoenixcontact.com>)



RJ45 connector, Degree of protection: IP65/67, Number of positions: 4, 100 Mbps, CAT5 (IEC 11801:2002), Material: Zinc die-cast, Connection method: IDC fast connection, Connection cross section: AWG 26-22, Cable exit: straight

Push/pull connector



Key commercial data

package_quantity	1
GTIN	4046356159944

Technical data

Mechanical characteristics

Standards/specifications	IEC PAS 61076-3-117
Number of positions	4
Connection profile	RJ45 8(4)
Locking type	Push Pull
Shielded	yes
Insertion/withdrawal cycles	≥ 500
Connection method	IDC fast connection
Conductor cross section	0.13 mm² ... 0.32 mm² (solid)
Conductor cross section	0.14 mm² ... 0.36 mm² (stranded)
Connection cross section AWG	26 ... 22 (solid)
Connection cross section AWG	26 ... 22 (stranded)
External cable diameter	5 mm ... 8 mm
Cable exit	straight
Color	silver

Ambient conditions

Ambient temperature (operation)	-40 °C ... 70 °C
---------------------------------	------------------

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

RJ45 connector - VS-PPC-C1-RJ45-MNNA-PG9-4Q5 - 1608100

Technical data

Material data

Contact surface material	Gold over nickel
O-ring material	NBR
Cable seal material	TPE
Material housing intermediate seal	NBR

Electrical characteristics

Number of positions	4
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)
Transmission speed	100 Mbps
Rated current	1.75 A
Overvoltage category	I
Degree of pollution	2
Contact resistance	0.001 Ω (Wire – IDC)
Contact resistance	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	27143424
eCl@ss 5.1	27143424
eCl@ss 6.0	27261204
eCl@ss 7.0	27440205
eCl@ss 8.0	27440101
eCl@ss 9.0	27440101

ETIM

ETIM 2.0	EC000438
ETIM 3.0	EC000438
ETIM 4.0	EC000438
ETIM 5.0	EC002636

UNSPSC

UNSPSC 6.01	30211923
UNSPSC 7.0901	39121522

RJ45 connector - VS-PPC-C1-RJ45-MNNA-PG9-4Q5 - 1608100

Classifications

UNSPSC

UNSPSC 11	39121522
UNSPSC 12.01	39121522
UNSPSC 13.2	39121522

Approvals

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

Approval details

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

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

EAC s

s

s

cULus Recognized s 
--

RJ45 connector - VS-PPC-C1-RJ45-MNNA-PG9-4Q5 - 1608100

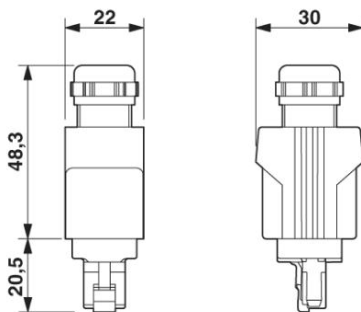
Accessories

VS-CABLE-STRIP-VARIO - 1657407



Drawings

Dimensional drawing



Push-pull RJ45 connector IP65/67

Phoenix Contact 2016 © - all rights reserved
<http://www.phoenixcontact.com>