

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

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Push/pull connector

Push-pull connector (version 14), metal, with 8-pos. RJ45 QUICKON connector insert, with QUICKON fast connection technology, for 26 ... 22 AWG 1-wire and 7-wire conductors, for 5.0 mm ... 8.0 mm cable diameter



Key Commercial Data

Packing unit	1 pc
GTIN	 4 046356 131681
GTIN	4046356131681

Technical data

Mechanical characteristics

Connection method	IDC fast connection
Minimum external conductor diameter	5 mm
Maximum external conductor diameter	8 mm
Overvoltage category	I
AWG solid min.	26
AWG solid max.	22
AWG multi-stranded min.	26
AWG multi-stranded max.	22
Degree of pollution	2
Cable outlet	straight
No. of cable outlets	1
Locking type	Push Pull
Conductor cross section	0.13 mm² ... 0.32 mm² (solid)
	0.14 mm² ... 0.36 mm² (flexible)
Weight	67.24 g
Flammability rating according to UL 94	V0

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Technical data

Ambient conditions

Ambient temperature (operation)	-40 °C ... 70 °C
Ambient temperature (assembly)	-5 °C ... 45 °C
Ambient temperature (storage/transport)	-40 °C ... 80 °C

Material data

Contact surface material	Au/Ni
Contact material	CuSn
Contact carrier material	PC
Cable gland material	CuZn
Seal material	TPE
	NBR
	NBR
Housing material	Zinc die-cast
Housing surface material	Nickel-plated
Seal material, O-ring	NBR
Seal material cable seal	TPE
Seal material	NBR
Width	22 mm
Height	30 mm
Length	72 mm
Wrench size	17.00 mm
Housing surface material 1	Cu/Ni

Electrical characteristics

Number of positions	8
Nominal voltage U_N	48 V
Nominal current I_N	1.75 A
Transmission characteristics (category)	CAT5 (IEC 11801:2002)
GRP transmission properties	CAT5 (IEC 11801:2002) 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)
Rated voltage (III/3)	72 V (DC)

Standards and Regulations

Standards/specifications	IEC PAS 61076-3-117
Connection in acc. with standard	CUL
Flammability rating according to UL 94	V0
Standards/specifications	IEC PAS 61076-3-117

Environmental Product Compliance

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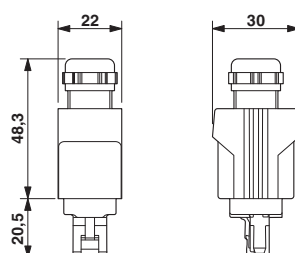
Technical data

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50 years
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Drawings

Dimensional drawing



Push-pull RJ45 connector IP65/67

Classifications

eCl@ss

eCl@ss 10.0.1	27440101
eCl@ss 11.0	27440101
eCl@ss 4.0	27260700
eCl@ss 4.1	27260700
eCl@ss 5.0	27260700
eCl@ss 5.1	27260700
eCl@ss 6.0	27260700
eCl@ss 7.0	27440101
eCl@ss 9.0	27440101

ETIM

ETIM 3.0	EC001121
ETIM 4.0	EC001121
ETIM 6.0	EC002636
ETIM 7.0	EC002636

UNSPSC

UNSPSC 6.01	31261501
UNSPSC 7.0901	31261501
UNSPSC 11	31261501
UNSPSC 12.01	31261501
UNSPSC 13.2	39121409

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Classifications

UNSPSC

UNSPSC 18.0	39121409
UNSPSC 19.0	39121409
UNSPSC 20.0	39121409
UNSPSC 21.0	39121409

Approvals

Approvals

Approvals

UL Recognized / cUL Recognized / EAC / cULus Recognized

Ex Approvals

Approval details

UL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 118976
Nominal voltage UN	50 V		
Nominal current IN	1.75 A		
mm²/AWG/kcmil	22		

cUL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 118976
Nominal voltage UN	50 V		
Nominal current IN	1.75 A		
mm²/AWG/kcmil	22		

EAC		B.01687
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cULus Recognized	
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Accessories

Accessories

Data cable by the meter

Network cable - VS-OE-OE-93B/... - 1417362



Network cable, PROFINET CAT5 (100 Mbps), 4-position, PVC, green RAL 6018, shielded, free cable end, on free cable end, cable length: Free entry (0.5 ... 400 m)

Panel mounting frame

Panel mounting frames - CUC-V14-F1ZNI-EM/R4O - 1413963



RJ45 panel mounting frame, IP67, for push-pull interlocking, metal, for PCB connection, for square panel cutout, with grommet and mounting screws

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



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

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