RJ45 connector - VS-PPC-C1-RJ45-POBK-PG9-8Q5 - 1657834

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RJ45 connector, IP67, with push/pull interlocking, plastic housing, 1 Gbps, 8-pos., QUICKON fast connection technology, for 26 ... 24 AWG 1-wire and 7-wire conductors

Key Commercial Data

Packing unit	1 pc
GTIN	4 046356 131902
GTIN	4046356131902

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	29 g
Flammability rating according to UL 94	V0

Ambient conditions

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Technical data

Ambient conditions

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

Material data

Contact surface material	Au/Ni
Contact material	CuSn
Contact carrier material	PC
Cable gland material	PA
Seal material	TPE
	NBR
	NBR
Housing material	PA-GF
Seal material, O-ring	NBR
Seal material cable seal	TPE
Seal material	NBR
Width	22 mm
Height	30 mm
Length	70 mm
Wrench size	19.00 mm

Electrical characteristics

Number of positions	8
Nominal voltage U_N	48 V
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

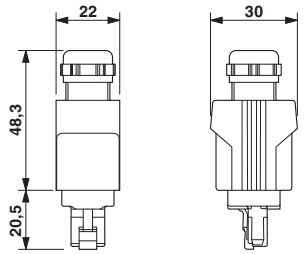
Environmental Product Compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

Drawings

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

Approvals

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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

cULus Recognized	

Accessories

Accessories

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



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

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