

## RJ45 connector - VS-PPC-C1-MNNA-4Q5-EMC - 1403366

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Push/pull connector (version 14), metal EMC, with 4-pos. RJ45 QUICKON connector insert, with QUICKON fast connection technology, for 22 AWG 1-wire and 7-wire conductors, for 5.0 mm ... 8.0 mm cable diameter

Push/pull EMC connector



### Key Commercial Data

Packing unit	1 pc
GTIN	
GTIN	4046356708319
Weight per Piece (excluding packing)	80.000 g
Custom tariff number	85366990
Country of origin	Germany

### 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.	22
AWG solid max.	22
AWG multi-stranded min.	22
AWG multi-stranded max.	22
Degree of pollution	2
Cable outlet	straight

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### Technical data

#### Mechanical characteristics

No. of cable outlets	1
Locking type	Push Pull
Conductor cross section	0.32 mm <sup>2</sup> (solid)
	0.36 mm <sup>2</sup> (flexible)
Weight	79.6 g
Flammability rating according to UL 94	V0

#### 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
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	4
Nominal voltage U <sub>N</sub>	48 V
Nominal current I <sub>N</sub>	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

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### Technical data

#### Electrical characteristics

Contact resistance	0.001 $\Omega$ (Wire – IDC)
	0.005 $\Omega$ (Litz wires – IDC)
Rated voltage (III/3)	72 V (DC)

#### Standards and Regulations

Standards/specifications	IEC PAS 61076-3-117
Flammability rating according to UL 94	V0

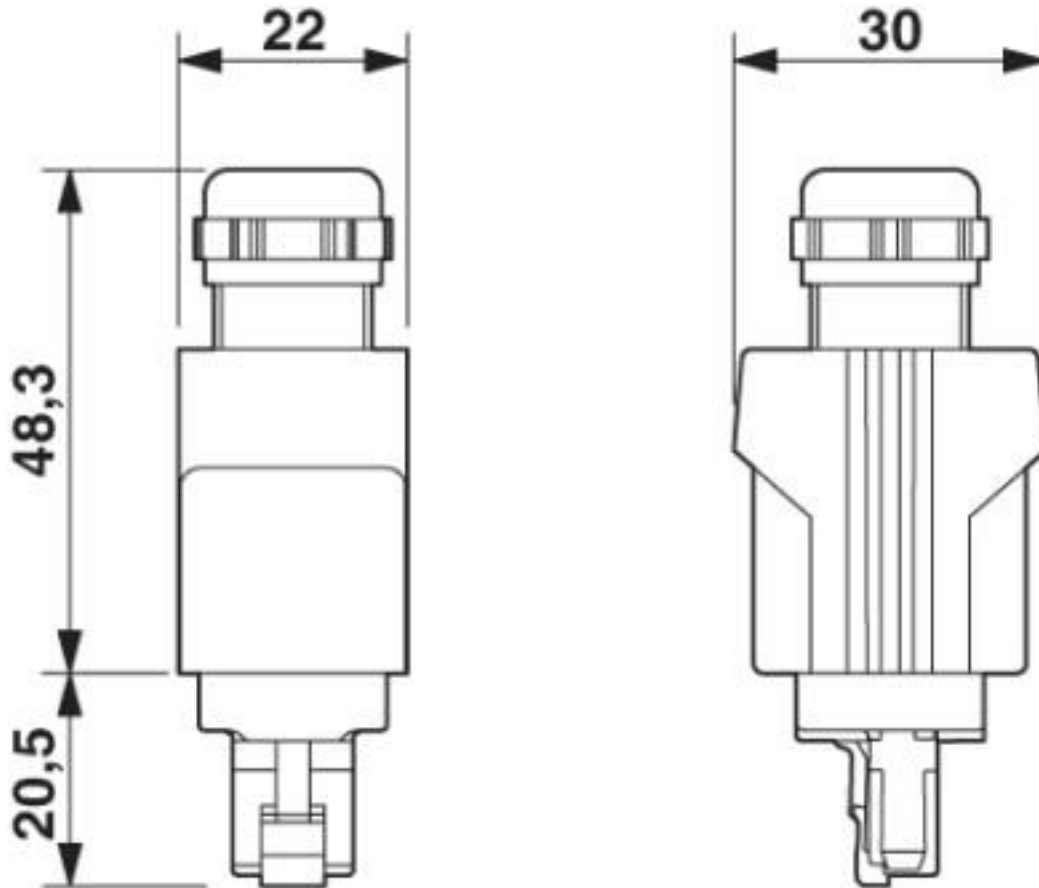
#### Environmental Product Compliance

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

# RJ45 connector - VS-PPC-C1-MNNA-4Q5-EMC - 1403366

Dimensional drawing



RJ45 push/pull EMC connector, IP65/67

## Classifications

eCl@ss

eCl@ss 10.0.1	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 8.0	27440101
eCl@ss 9.0	27440101

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## Classifications

### ETIM

ETIM 3.0	EC000007
ETIM 4.0	EC001121
ETIM 5.0	EC002636
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

### Approvals

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### Approvals


### EAC

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### Ex Approvals

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### Approval details

EAC		B.01687
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## Accessories

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Data cable by the meter

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### Accessories

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)

Network cable - NBC-93C/... - 1408538



By the meter, Network cable, PROFINET CAT5 (100 Mbps), EtherCAT® CAT5 (100 Mbps), shielded, PUR/FRNC halogen-free, green RAL 6018, 4-wire (1x4xAWG22/7; SF/TQ), color single wire: White, yellow, blue, orange, cable length: Free input (110.0 ... 500 m), Supplied on a cable drum in up to two parts (details: see technical data)

### Panel mounting frame

Panel mounting frames - CUC-V14-F1ZNI-EM/R40 - 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