

https://www.phoenixcontact.com/cn/products/1608016



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

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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

Push/pull connector



Key Commercial Data

| | |
|----------------------|---|
| Packing unit | 1 STK |
| GTIN |  4 046356 131681 |
| GTIN | 4046356131681 |
| Custom tariff number | 8536909000 |
| Sales Key | ABNADA |

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) |
| Max. cable diameter | 5 mm ... 8 mm |
| External cable diameter | 5 mm ... 8 mm |
| Cable exit | straight |
| Color | silver |

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Technical data

Mechanical characteristics

| | |
|----------------------|-----------|
| Degree of protection | IP65/IP67 |
| No. of cable outlets | 1 |

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

| | |
|--|------------------|
| 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 |
| Material | Metal |
| 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) |
| GRP transmission properties | 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) | 50 V |

Standards and Regulations

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

Environmental Product Compliance

| | |
|------------|---|
| China RoHS | Environmentally Friendly Use Period = 50 |
| | For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration" |

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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 |
| mm²/AWG/kcmil | 22 | | |
| Nominal current I _N | 1.75 A | | |
| Nominal voltage U _N | 50 V | | |

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

| | | |
|-----|---|---------|
| EAC |  | B.01742 |
|-----|---|---------|

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|------------------|---|---|
| cULus Recognized |  | http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm |
|------------------|---|---|