

VS-PPC-C1-RJ45-POBK-PG9-4Q5-OL - RJ45 connector



1404142

<https://www.phoenixcontact.com/us/products/1404142>

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RJ45 connector, degree of protection: IP65/IP67, number of positions: 4, CAT5 (IEC 11801:2002), material: Plastic, connection method: IDC fast connection, connection cross section: AWG 26- 22, cable outlet: straight, color: black

Commercial data

| | |
|--------------------------------------|---------------|
| Item number | 1404142 |
| Packing unit | 1 pc |
| Minimum order quantity | 1 pc |
| Product key | ABNOAA |
| GTIN | 4046356303699 |
| Weight per piece (including packing) | 33 g |
| Weight per piece (excluding packing) | 29.74 g |
| Country of origin | DE |

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Technical data

Product properties

| | |
|----------------------|-----------------------------|
| Product type | Data connector (cable side) |
| Type | RJ45 |
| Number of positions | 4 |
| Connection profile | RJ45 8(4) |
| No. of cable outlets | 1 |
| Shielded | yes |
| Cable outlet | straight |

Insulation characteristics

| | |
|----------------------|---|
| Overvoltage category | I |
| Degree of pollution | 2 |

Electrical properties

| | |
|---|--|
| Rated voltage (III/3) | 72 V (DC) |
| Rated current | 1.75 A |
| Contact resistance | 0.001 Ω (Wire – IDC) 0.005 Ω (Litz wires – IDC) |
| Transmission medium | Copper |
| Transmission characteristics (category) | CAT5 |
| Transmission speed | 100 Mbps |

Connection data

Connection technology

| | |
|------------------------------|---|
| Connection method | IDC fast connection |
| Connection cross section AWG | 26 ... 22 (solid) 26 ... 22 (flexible) |
| Conductor cross-section | 0.13 mm ² ... 0.32 mm ² (solid) 0.14 mm ² ... 0.36 mm ² (flexible) |

Dimensions

| | |
|--------|---------|
| Width | 22 mm |
| Height | 30 mm |
| Length | 57.7 mm |

Material specifications

| | |
|--|------------------|
| Color | black |
| Flammability rating according to UL 94 | V0 |
| Housing material | Plastic |
| Cable seal material | TPE |
| Contact material | Copper alloy |
| Contact surface material | Gold over nickel |

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| | |
|--------------------------|-----|
| Contact carrier material | PC |
| O-ring material | NBR |

Cable/line

| | |
|-------------------------|----------------------|
| External cable diameter | 5 mm ... 8 mm |
| Cable cross section | 0.14 mm ² |

Mechanical properties

Mechanical data

| | |
|-----------------------------|-------|
| Insertion/withdrawal cycles | ≥ 500 |
|-----------------------------|-------|

Environmental and real-life conditions

Ambient conditions

| | |
|---------------------------------|------------------|
| Degree of protection | IP65/IP67 |
| Ambient temperature (operation) | -40 °C ... 70 °C |

Standards and regulations

| | |
|--------------------------|---------------------|
| Standards/specifications | IEC PAS 61076-3-117 |
|--------------------------|---------------------|

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Classifications

ECLASS

| | |
|-------------|----------|
| ECLASS-13.0 | 27440290 |
| ECLASS-15.0 | 27440114 |

ETIM

| | |
|-----------|----------|
| ETIM 10.0 | EC002636 |
|-----------|----------|

UNSPSC

| | |
|-------------|----------|
| UNSPSC 21.0 | 39121400 |
|-------------|----------|

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Environmental product compliance

EU RoHS

| | |
|---|--------------------|
| Fulfills EU RoHS substance requirements | Yes, No exemptions |
|---|--------------------|

China RoHS

| | |
|--|--|
| Environment friendly use period (EFUP) | EFUP-E |
| | No hazardous substances above the limits |

EU REACH SVHC

| | |
|-------------------------------------|---|
| REACH candidate substance (CAS No.) | 6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol(CAS: 119-47-1) 2-(2H-benzotriazol-2-yl)-4-(1,1,3,3-tetramethylbutyl)phenol (UV-329)(CAS: 3147-75-9) |
| SCIP | f3c2abbd-7466-4ddc-845a-bfbb2b874763 |

EF3.1 Climate Change

| | |
|---------|---------------|
| CO2e kg | 1.324 kg CO2e |
|---------|---------------|

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