

VS-08-KU-IP67 - RJ45 coupling

1689268

<https://www.phoenixcontact.com/us/products/1689268>

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RJ45 coupling, IP67, CAT5e, with protective cover, color: gray



Your advantages

- Permanent mounting is also an option
- Including covers for protection against environmental influences

Commercial data

| | |
|--------------------------------------|---------------|
| Item number | 1689268 |
| Packing unit | 1 pc |
| Minimum order quantity | 1 pc |
| Sales key | AB17 |
| Product key | ABNNAZ |
| GTIN | 4017918938185 |
| Weight per piece (including packing) | 53.8 g |
| Weight per piece (excluding packing) | 44.94 g |
| Customs tariff number | 85366990 |
| Country of origin | DE |

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Technical data

Product properties

| | |
|----------------------|------------------------|
| Product type | Female insert |
| Housing type | Plastic sleeve housing |
| Sensor type | Ethernet |
| Number of positions | 8 |
| Connection profile | RJ45 |
| No. of cable outlets | 1 |
| Number of slots | 1 |
| Shielded | no |
| Cable outlet | straight |

Insulation characteristics

| | |
|----------------------|---|
| Overvoltage category | I |
| Degree of pollution | 1 |

Electrical properties

| | |
|---|-----------|
| Rated voltage (III/3) | 72 V (DC) |
| Rated surge voltage | ≥ 1 kV |
| Rated current | 1 A |
| Insulation resistance | ≥ 500 MΩ |
| Nominal voltage U_N | 48 V |
| Transmission medium | Copper |
| Transmission characteristics (category) | CAT5 |

Connection data

Connection technology

| | |
|-------------------|----------|
| Connection method | Coupling |
|-------------------|----------|

Material specifications

| | |
|--|------------------|
| Color | gray |
| Flammability rating according to UL 94 | V0 |
| Seal material | NBR |
| Housing material | Plastic |
| Contact material | Copper alloy |
| Contact surface material | Gold over nickel |
| Contact carrier material | Thermoplastic |

Mechanical properties

Mechanical data

| | |
|-----------------------------|-------|
| Insertion/withdrawal cycles | ≥ 750 |
|-----------------------------|-------|

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Environmental and real-life conditions

Ambient conditions

| | |
|---|------------------|
| Degree of protection | IP67 |
| | IP65/IP67 |
| Ambient temperature (operation) | -10 °C ... 60 °C |
| Ambient temperature (storage/transport) | -40 °C ... 70 °C |
| Ambient temperature (assembly) | -5 °C ... 55 °C |

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Approvals

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|  cUL Recognized Approval ID: E118976 | | | | |
|---|-----------------------|-----------------------|-------------------|-----------------------------|
| | Nominal voltage U_N | Nominal current I_N | Cross section AWG | Cross section mm^2 |
| keine | | | | |
| | 50 V | 1.75 A | - | - |

|  UL Recognized Approval ID: E118976 | | | | |
|--|-----------------------|-----------------------|-------------------|-----------------------------|
| | Nominal voltage U_N | Nominal current I_N | Cross section AWG | Cross section mm^2 |
| keine | | | | |
| | 50 V | 1.75 A | - | - |

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Classifications

ECLASS

| | |
|-------------|----------|
| ECLASS-15.0 | 27440325 |
| ECLASS-13.0 | 27440390 |

ETIM

| | |
|-----------|----------|
| ETIM 10.0 | EC004746 |
|-----------|----------|

UNSPSC

| | |
|-------------|----------|
| UNSPSC 21.0 | 31261500 |
|-------------|----------|

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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.) | No substance above 0.1 wt% |
|-------------------------------------|----------------------------|

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