

HC-Q-I-RJ45-AD-PC-M - Contact insert



1077120

<https://www.phoenixcontact.com/us/products/1077120>

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Contact insert, number of positions: RJ45, size: D7, type : RJ45, Pin, 50 V, 1 A, application: Data, Adapter for patch cables

Your advantages

- Shock and vibration-resistant in accordance with DIN EN 61373

Commercial data

| | |
|--------------------------------------|---------------|
| Item number | 1077120 |
| Packing unit | 1 pc |
| Minimum order quantity | 1 pc |
| Sales key | BF61 |
| Product key | AF7ABJ |
| GTIN | 4055626788838 |
| Weight per piece (including packing) | 6.9 g |
| Weight per piece (excluding packing) | 5.1 g |
| Customs tariff number | 85366990 |
| Country of origin | CN |

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Technical data

Notes

| | |
|---------|--|
| General | Use the patch cable from the accessories list. |
| General | Connectors may be operated only when there is no load/voltage. |

Product properties

| | |
|---------------------|--|
| Product type | Contact insert with a fixed no. of positions |
| Series | HC-Q |
| Application | Data |
| Type | D7 |
| Sensor type | Ethernet |
| Number of positions | 8 |
| Connection profile | RJ45 |

Insulation characteristics

| | |
|----------------------|-----|
| Overvoltage category | III |
| Degree of pollution | 3 |

Dimensions

| | |
|--------|---------|
| Width | 21 mm |
| Height | 20.5 mm |
| Length | 21 mm |

Connection data

Connection technology

| | |
|----------------------------------|----------|
| Connection in acc. with standard | IEC / EN |
|----------------------------------|----------|

Conductor connection

| | |
|-------------------|--|
| Tightening torque | 0.5 Nm ... 0.8 Nm (Mounting screws for mounting in the HEAVYCON housing) |
|-------------------|--|

Electrical properties

| | |
|---|--------|
| Rated voltage (III/3) | 50 V |
| Rated surge voltage | 0.8 kV |
| Rated current | 1 A |
| Transmission characteristics (category) | CAT6 |

Material specifications

| | |
|--|--------------|
| Flammability rating according to UL 94 | V0 |
| Contact material | Copper alloy |
| Contact surface material | Au |
| Contact carrier material | PC |
| Standards/regulations | PC |

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Environmental and real-life conditions

Ambient conditions

| | |
|---------------------------------|------------------|
| Ambient temperature (operation) | -25 °C ... 60 °C |
|---------------------------------|------------------|

Standards and regulations

Testing

| | |
|-----------------------|---|
| Standards/regulations | PC: Fire protection in rail vehicles - requirement sets R22, R23, and R24 acc. to DIN EN 45545-2 (Risk level HL1 - HL3) |
|-----------------------|---|

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Classifications

ECLASS

| | |
|-------------|----------|
| ECLASS-13.0 | 27440205 |
| ECLASS-15.0 | 27440205 |

ETIM

| | |
|-----------|----------|
| ETIM 10.0 | EC000438 |
|-----------|----------|

UNSPSC

| | |
|-------------|----------|
| UNSPSC 21.0 | 39121500 |
|-------------|----------|

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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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