

HC-STA-RJ45I-26-HT-M20-PLRBK - Connector set



1325999

<https://www.phoenixcontact.com/us/products/1325999>

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Connector set, number of positions: 8, 1 Gbps, CAT5 (IEC 11801:2002), material: PA, connection cross section: AWG 26- 24, cable outlet: straight, With RJ45 contact insert, with slotted seal

Your advantages

- Lower costs than metal version
- Labeling option using 9 x 20 mm marking label
- Low weight
- Lower risk of condensation
- Completely corrosion-resistant
- Halogen-free plastic
- Marking label can be attached

Commercial data

| | |
|--------------------------------------|---------------|
| Item number | 1325999 |
| Packing unit | 1 pc |
| Minimum order quantity | 1 pc |
| Sales key | BF63 |
| Product key | BF7AFX |
| GTIN | 4063151617059 |
| Weight per piece (including packing) | 64 g |
| Weight per piece (excluding packing) | 63.3 g |
| Customs tariff number | 85366990 |
| Country of origin | CN |

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Set consists of

CUC-INI-C1ZNI-S/R4IE8 - RJ45 male insert

1421608

<https://www.phoenixcontact.com/us/products/1421608>



RJ45 male insert, design: RJ45, degree of protection: IP20, number of positions: 8, 1 Gbps, CAT5 (IEC 11801:2002), material: Metal, connection method: Insulation displacement connection, connection cross section: AWG 26- 24, cable outlet: straight, Ethernet

HC-Q-I-RJ45I-AD-08-PC-M - Contact insert

1077119

<https://www.phoenixcontact.com/us/products/1077119>



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

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HC-STA-D07-HHFS-1TGM20-PL-BK - Housing

1419255

<https://www.phoenixcontact.com/us/products/1419255>



Sleeve housing D7, for single locking latch, material: PA, cable outlets: 1, straight, 1x M20, height: 77.6 mm, cable gland: with, Standard

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Technical data

Notes

| | |
|---------|--|
| General | Connectors may be operated only when there is no load/voltage. |
|---------|--|

Product properties

| | |
|------------------------------|---------------|
| Type | D7 |
| Product type | Connector set |
| Sensor type | Ethernet |
| Number of positions | 8 |
| Type of the screw connection | 1x M20 |
| Type | RJ45 |
| Series | HC-D |
| Cable outlet | straight |

Insulation characteristics

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

Electrical properties

| | |
|---|-----------------------|
| Rated voltage (III/3) | 72 V (DC) |
| Rated current | 1.75 A |
| Nominal voltage U_N | 48 V |
| Transmission characteristics (category) | CAT5 (IEC 11801:2002) |
| Transmission speed | 1 Gbps |

Connection data

| | |
|------------------------------|--|
| Conductor cross section | 0.14 mm ² ... 0.25 mm ² (solid) |
| | 0.14 mm ² ... 0.25 mm ² (flexible) |
| | 0.14 mm ² ... 0.25 mm ² (solid) |
| | 0.14 mm ² ... 0.25 mm ² (flexible) |
| Connection cross section AWG | 26 ... 24 (solid) |
| | 26 ... 24 (flexible) |

Interfaces

| | |
|----------------------|--|
| Signal type/category | Ethernet CAT5 (IEC 11801:2002), 1 Gbps |
|----------------------|--|

Material specifications

| | |
|--|------------------|
| Flammability rating according to UL 94 | V0 |
| Seal material | NBR |
| Contact material | Copper alloy |
| Contact surface material | Gold over nickel |
| Contact carrier material | PC |
| Impact strength | IK06 |

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| | |
|------------------|----|
| Housing material | PA |
|------------------|----|

Cable/line

| | |
|-----------------------------|--|
| Signal type/category | Ethernet CAT5 (IEC 11801:2002), 1 Gbps |
| External cable diameter () | 4 mm ... 7 mm |

Mechanical properties

Mechanical data

| | |
|------------------------------|--------|
| Type of the screw connection | 1x M20 |
|------------------------------|--------|

Environmental and real-life conditions

Ambient conditions

| | |
|---------------------------------|------------------|
| Degree of protection | IP66 |
| Impact strength | IK06 |
| Ambient temperature (operation) | -40 °C ... 70 °C |

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Classifications

ECLASS

| | |
|-------------|----------|
| ECLASS-11.0 | 27440101 |
| ECLASS-12.0 | 27440113 |
| ECLASS-13.0 | 27440113 |

ETIM

| | |
|----------|----------|
| ETIM 8.0 | EC002636 |
|----------|----------|

UNSPSC

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

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Environmental product compliance

| | |
|------------|---|
| China RoHS | Environmentally friendly use period: unlimited = EFUP-e |
| | No hazardous substances above threshold values |

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Accessories

HC-STA-RJ45GC-BWSC-PLRBK - Connector set

1249559

<https://www.phoenixcontact.com/us/products/1249559>

Connector set, number of positions: 8, CAT6, material: PA, Gender changer



HC-STA-RJ45GC-BWSC-ELAL - Connector set

1249560

<https://www.phoenixcontact.com/us/products/1249560>

Connector set, number of positions: 8, CAT6, material: Die-cast aluminum, salt water resistant, Gender changer



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