

HC-STA-RJ45CT-HT-M20-PLRBK - Connector set



1249554

<https://www.phoenixcontact.com/us/products/1249554>

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Connector set, number of positions: 8, CAT6_A, material: PA, connection method: Crimp connection, connection cross section: AWG 24- 27, 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

Commercial data

| | |
|--------------------------------------|---------------|
| Item number | 1249554 |
| Packing unit | 1 pc |
| Minimum order quantity | 1 pc |
| Sales key | BF63 |
| Product key | AF7AFX |
| GTIN | 4063151355005 |
| Weight per piece (including packing) | 35.1 g |
| Weight per piece (excluding packing) | 35.1 g |
| Customs tariff number | 85366990 |
| Country of origin | CN |

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Set consists of

HC-Q-I-RJ45-08-M - Contact insert

1077117

<https://www.phoenixcontact.com/us/products/1077117>

Contact insert, number of positions: RJ45, size: D7, type : RJ45, Pin, 50 V, 1 A, application: Data, With RJ45 contact insert



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

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

Insulation characteristics

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

Electrical properties

| | |
|---|---|
| Rated voltage (III/3) | 50 V |
| Rated surge voltage | 0.8 kV |
| Rated current | 1 A |
| Nominal voltage U_N | 50 V |
| Transmission characteristics (category) | CAT6 _A (IEC 60512-27-100:2008, TIA-568-C.2:2009) |

Connection data

| | |
|------------------------------|----------------------|
| Connection method | Crimp connection |
| Connection cross section AWG | 24 ... 27 (flexible) |

Interfaces

| | |
|----------------------|----------------------------|
| Signal type/category | Ethernet CAT6 _A |
|----------------------|----------------------------|

Material specifications

| | |
|--|------------------|
| Color | black (RAL 9005) |
| Flammability rating according to UL 94 | V0 |
| Seal material | NBR |
| Housing material | PA |
| Contact material | Copper alloy |
| Contact surface material | Au |
| Contact carrier material | PC |

Cable/line

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| | |
|-------------------------|----------------------------|
| Signal type/category | Ethernet CAT6 _A |
| External cable diameter | 5 mm ... 6 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) | -25 °C ... 60 °C |

Mounting

| | |
|---------------|----------------------------------|
| Mounting type | Latching with lower housing part |
|---------------|----------------------------------|

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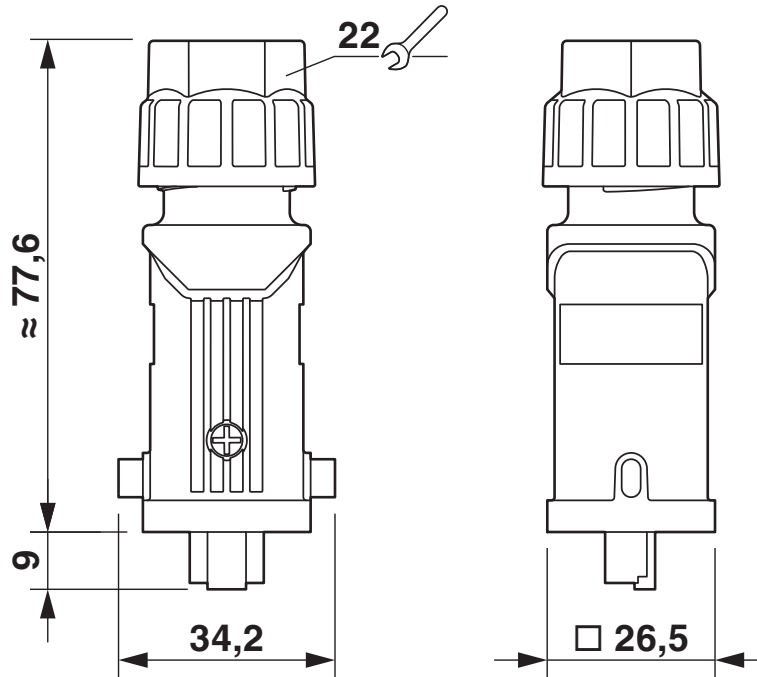


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Drawings

Dimensional drawing



Dimensional drawing

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Classifications

ECLASS

| | |
|-------------|----------|
| ECLASS-13.0 | 27440113 |
| ECLASS-15.0 | 27440113 |

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

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