

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



1249559

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

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



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 | 1249559 |
| Packing unit | 1 pc |
| Minimum order quantity | 1 pc |
| Sales key | BF63 |
| Product key | BF7AFX |
| GTIN | 4063151355029 |
| Weight per piece (including packing) | 39.8 g |
| Weight per piece (excluding packing) | 37 g |
| Customs tariff number | 85366990 |
| Country of origin | CN |

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Set consists of

HC-STA-D07-BWSCM-PL-BK - Housing

1419278

<https://www.phoenixcontact.com/us/products/1419278>



Panel mounting base D7, with single locking latch, material: PA, protective cover material: PA, height: 25.5 mm, cable gland: none, protective cover: yes, Standard, for pin inserts

HC-Q-I-RJ45 GC-F/F - Contact insert

1422590

<https://www.phoenixcontact.com/us/products/1422590>



Contact insert, number of positions: RJ45, size: D7, type : RJ45, Socket, 50 V, 1 A, application: Data, Gender changer

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 |
| Connection profile | RJ45 |
| Application | Data |
| Type | RJ45 |
| Protective cover | yes |
| Series | HC-D |

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 |
| Insulation resistance | 100 MΩ |
| Nominal voltage U_N | 50 V |
| Transmission characteristics (category) | CAT6 |

Interfaces

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

Material specifications

| | |
|--|--------------|
| Material | PA |
| Flammability rating according to UL 94 | V0 |
| Seal material | NBR |
| Contact material | Copper alloy |
| Contact surface material | Au |
| Contact carrier material | PC |
| Locking latch material | PA |
| Impact strength | IK06 |
| Housing material | PA |

Cable/line

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

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| | |
|-----------------------------|---------------|
| External cable diameter () | 4 mm ... 7 mm |
|-----------------------------|---------------|

Environmental and real-life conditions

Ambient conditions

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

Mounting

| | |
|---------------|---------------|
| Mounting type | Wall mounting |
|---------------|---------------|

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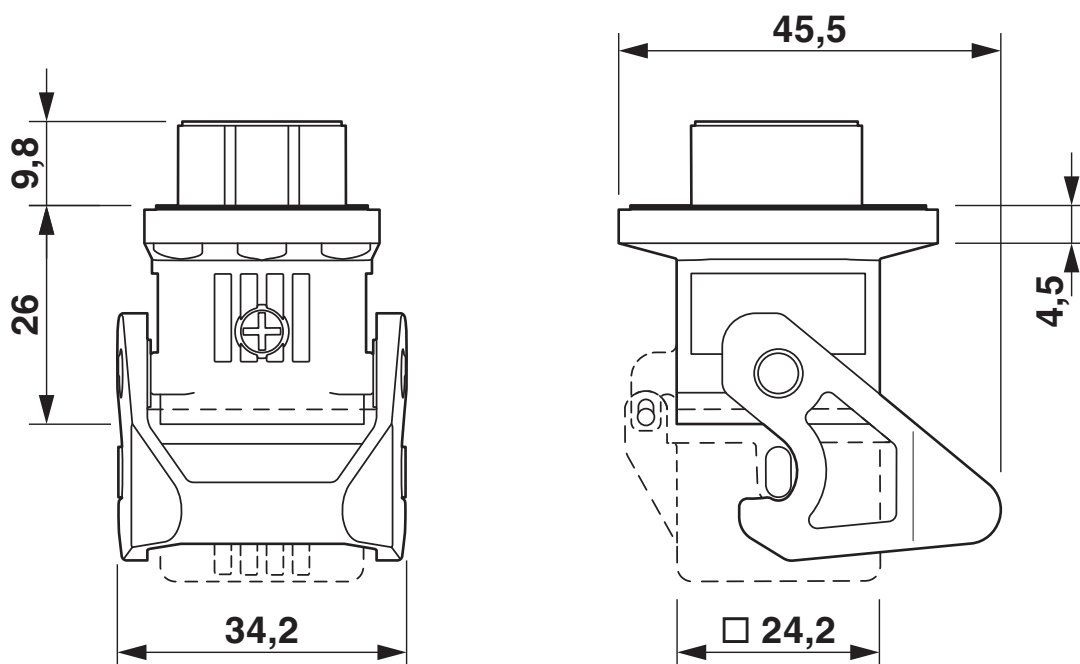


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Drawings

Dimensional drawing



Dimensional drawing

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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-RJ45CT-HT-M20-PLRBK - Connector set

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



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

HC-STA-RJ45I-23-HT-M20-PLRBK - Connector set

1249555

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Connector set, number of positions: 8, 1 Gbps, CAT5 (IEC 11801:2002), material: PA, connection method: IDC fast connection, connection cross section: AWG 23- 22, cable outlet: straight, With RJ45 contact insert, with slotted seal

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HC-STA-RJ45PC-HT-M20-PLRBK - Connector set

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Connector set, material: PA, cable outlet: straight, with slotted seal, with adapter for patch cables

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

1249557

<https://www.phoenixcontact.com/us/products/1249557>



Connector set, number of positions: 8, CAT6_A, material: PA, connection method: Crimp connection, connection cross section: AWG 24- 27, cable outlet: lateral, With RJ45 contact insert, with slotted seal

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HC-STA-RJ45PC-HS-M20-PLRBK - Connector set

1249558

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Connector set, material: PA, cable outlet: lateral, with slotted seal, with adapter for patch cables

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Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com