

# 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	AF7AFX
GTIN	4063151355029
Weight per piece (including packing)	39.6 g
Weight per piece (excluding packing)	39.5 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

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### 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

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## Technical data

### Notes

General	Connectors may be operated only when there is no load/voltage.
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### Product properties

Product type	Connector set
Series	HC-D
Application	Data
Type	D7
Sensor type	Ethernet
Number of positions	8
Connection profile	RJ45
Protective cover	yes

### 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
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### Material specifications

Material Protective cover	PA
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
Locking latch material	PA

### Cable/line

Signal type/category	Ethernet CAT6
External cable diameter	4 mm ... 7 mm

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## Environmental and real-life conditions

### Ambient conditions

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

## Mounting

Mounting type	Panel mounting
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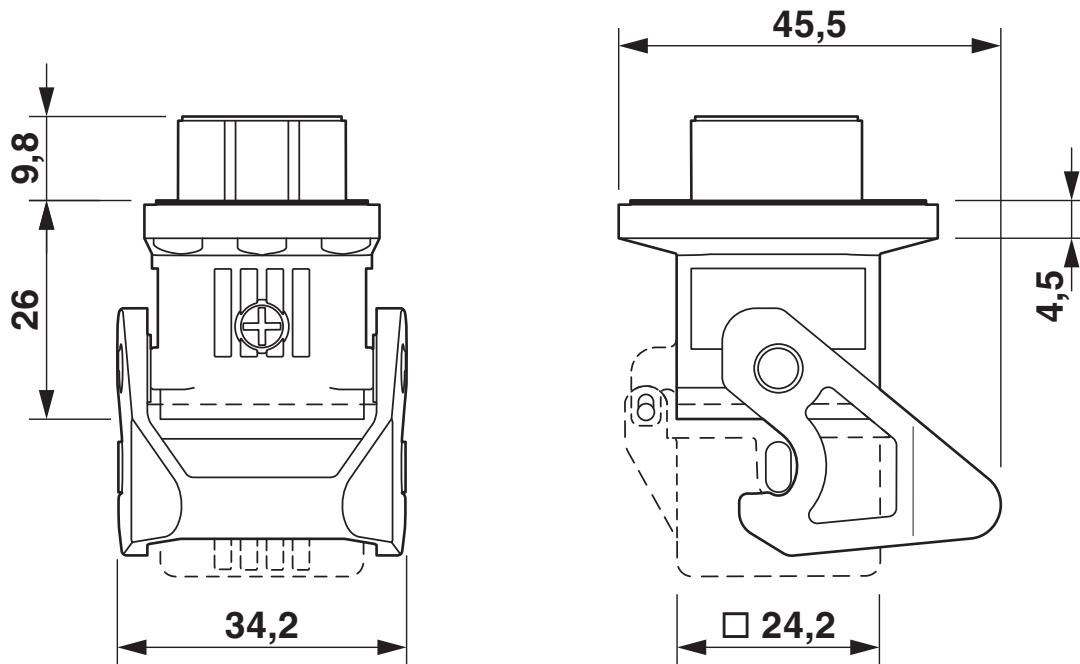


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## Drawings

Dimensional drawing



Dimensional drawing

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## Classifications

### ECLASS

ECLASS-13.0	27440113
ECLASS-15.0	27440113

### ETIM

ETIM 10.0	EC002636
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### UNSPSC

UNSPSC 21.0	39121400
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## Environmental product compliance

### EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
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### 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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