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

1249559

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

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Connector set, design: D7, 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

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

Product type	Connector set
Housing type	Panel mounting base
Series	HC-D
Application	Data
Type	D7
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

Connection data

Conductor cross-section	0.14 mm² ... 2.5 mm²
	0.14 mm² ... 2.5 mm²

Interfaces

Signal type/category	Ethernet CAT6

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

External cable diameter	4 mm ... 7 mm

Environmental and real-life conditions

Ambient conditions

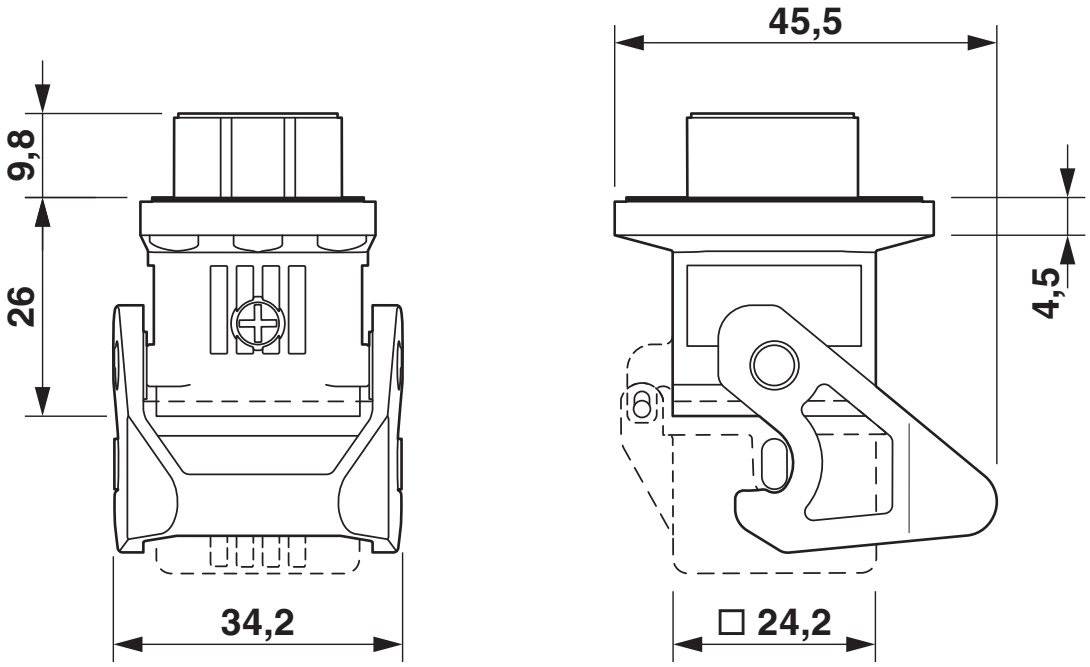
Degree of protection	IP66
Impact strength	IK06
Ambient temperature (operation)	-40 °C ... 70 °C

Mounting

Mounting type	Panel mounting

Drawings

Dimensional drawing



Dimensional drawing

Classifications

ECLASS

ECLASS-13.0	27440113
ECLASS-15.0	27440113

ETIM

ETIM 10.0	EC002636

UNSPSC

UNSPSC 21.0	39121400

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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