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

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

Technical data

Notes

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

Product properties

Product type	Connector set
Housing type	Sleeve housing
Series	HC-D
Application	Data
Type	D7
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
Conductor cross-section	0.14 mm² ... 0.25 mm²
	0.14 mm² ... 0.25 mm² (flexible)
	0.14 mm² ... 0.25 mm²
	0.14 mm² ... 0.25 mm² (flexible)
Connection cross section AWG	24 ... 27 (flexible)

Interfaces

Signal type/category	Ethernet $CAT6_A$

Material specifications

Color	black (RAL 9005)
Material	PA
Flammability rating according to UL 94	V0
Material grommet GRP	NBR
Housing material	PA

Contact material	Copper alloy
Contact surface material	Au
Contact carrier material	PC

Cable/line

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

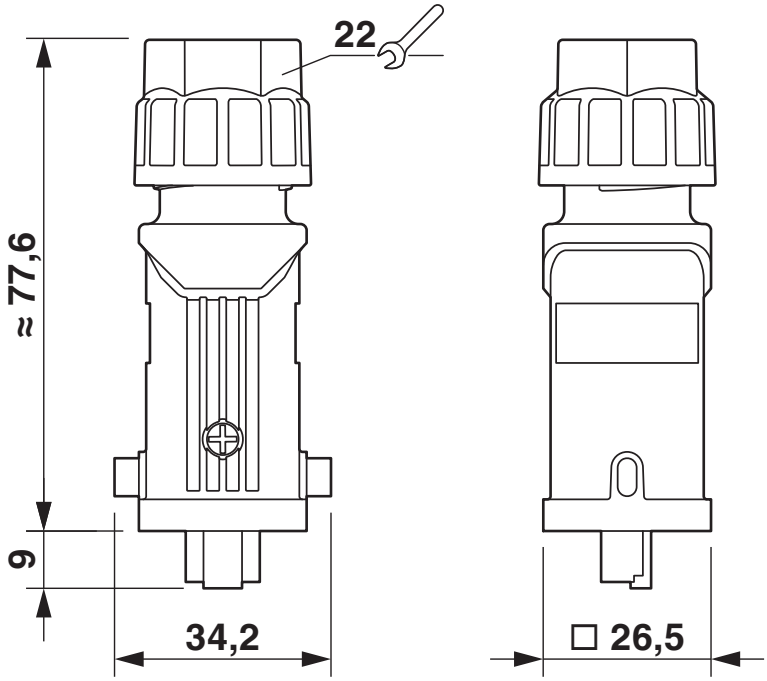
Degree of protection	IP66
Impact strength	IK06
Ambient temperature (operation)	-25 °C ... 60 °C

Mounting

Mounting type	Latching with lower housing part

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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