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

1249555

https://www.phoenixcontact.com/us/products/1249555

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Connector set, D7, number of positions: 8, 1 Gbps, CAT5 (IEC 11801:2002), material: PA, connection method: IDC fast connection, connection cross section: AWG 26- 24, 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	1249555
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	BF63
Product key	AF7AFX
GTIN	4063151354756
Weight per piece (including packing)	63 g
Weight per piece (excluding packing)	59 g
Customs tariff number	85366990
Country of origin	CN

Set consists of

CUC-INI-C1ZNI-S/R4IP8 - RJ45 male insert

1421129

https://www.phoenixcontact.com/us/products/1421129



RJ45 male insert, RJ45, Ethernet/PROFINET, CAT5 (IEC 11801:2002) (1 Gbps), 8-position, connection method: Insulation displacement connection, material: Metal, connection cross section: AWG 23- 22, degree of protection: IP20

HC-Q-I-RJ45I-AD-08-PC-M - Contact insert

1077119

https://www.phoenixcontact.com/us/products/1077119



Contact insert, number of positions: RJ45, size: D7, type : RJ45, Pin, 50 V, 1 A, application: Data, Adapter for RJ45 connectors

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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
Type	D7
Number of positions	8
Type of the screw connection	1x M20
Cable outlet	straight

Insulation characteristics

Overvoltage category	I
Degree of pollution	3

Electrical properties

Rated voltage (III/3)	72 V (DC)
Rated current	1.75 A
Nominal voltage U_N	48 V
Transmission speed	1 Gbps
Transmission characteristics (category)	CAT5 (IEC 11801:2002)

Connection data

Connection method	IDC fast connection
Conductor cross-section	0.14 mm² ... 0.25 mm² (solid)
	0.14 mm² ... 0.25 mm² (flexible)
	0.14 mm² ... 0.25 mm² (solid)
	0.14 mm² ... 0.25 mm² (flexible)
Connection cross section AWG	26 ... 24 (solid)
	23 ... 22 (flexible)

Interfaces

Signal type/category	Ethernet/PROFINET CAT5 (IEC 11801:2002), 1 Gbps

Material specifications

Material	PA
Flammability rating according to UL 94	V0
Seal material	NBR
Housing material	PA
Contact material	Copper alloy
Contact surface material	Gold over nickel

Contact carrier material	PC

Cable/line

External cable diameter	4 mm ... 7 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)	-40 °C ... 70 °C

Mounting

Mounting type	Latching with lower housing part

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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