HC-STA-RJ45I-26-HT-M20-PLRBK - Connector set

1325999

https://www.phoenixcontact.com/us/products/1325999

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Connector set, number of positions: 8, 1 Gbps, CAT5 (IEC 11801:2002), material: PA, 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
- Completely corrosion-resistant
- Halogen-free plastic
- Marking label can be attached

Commercial data

Item number	1325999
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	BF63
Product key	AF7AFX
GTIN	4063151617059
Weight per piece (including packing)	64 g
Weight per piece (excluding packing)	63.3 g
Customs tariff number	85366990
Country of origin	CN

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Set consists of

CUC-INI-C1ZNI-S/R4IE8 - RJ45 male insert

1421608

https://www.phoenixcontact.com/us/products/1421608

RJ45 male insert, design: RJ45, degree of protection: IP20, number of positions: 8, 1 Gbps, CAT5 (IEC 11801:2002), material: Metal, connection method: Insulation displacement connection, connection cross section: AWG 26- 24, cable outlet: straight, Ethernet

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

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Technical data

Notes

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

Product properties

Product type	Connector set
Series	HC-D
Type	D7
Sensor type	Ethernet
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)
Transmission speed	1 Gbps

Connection data

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)
	26 ... 24 (flexible)

Interfaces

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

Material specifications

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

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Cable/line

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

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Classifications

ECLASS

ECLASS-13.0	27440113
ECLASS-15.0	27440113

ETIM

ETIM 9.0	EC002636

UNSPSC

UNSPSC 21.0	39121400

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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%