

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



1249555

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

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.



Connector set, number of positions: 8, 1 Gbps, CAT5 (IEC 11801:2002), material: PA, connection method: IDC fast connection, connection cross section: AWG 23- 22, 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	BF7AFX
GTIN	4063151354756
Weight per piece (including packing)	63 g
Weight per piece (excluding packing)	59 g
Customs tariff number	85366990
Country of origin	CN

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



1249555

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

Set consists of

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

1421129

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



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 23- 22, cable outlet: straight, Ethernet/PROFINET

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

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



1249555

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

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

Type	D7
Product type	Connector set
Sensor type	Ethernet/PROFINET
Number of positions	8
Type of the screw connection	1x M20
Type	RJ45
Series	HC-D
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 characteristics (category)	CAT5 (IEC 11801:2002)
Transmission speed	1 Gbps

Connection data

Connection method	IDC fast connection
Conductor cross section	0.23 mm ² ... 0.32 mm ² (solid)
	0.23 mm ² ... 0.36 mm ² (flexible)
	0.23 mm ² ... 0.32 mm ² (solid)
	0.23 mm ² ... 0.36 mm ² (flexible)
Connection cross section AWG	23 ... 22 (solid)
	23 ... 22 (flexible)

Interfaces

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

Material specifications

Flammability rating according to UL 94	V0
Seal material	NBR
Contact material	Copper alloy
Contact surface material	Gold over nickel
Contact carrier material	PC

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



1249555

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

Impact strength	IK06
Housing material	PA

Cable/line

Signal type/category	Ethernet/PROFINET 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

Mounting

Mounting type	Latching with lower housing part
Connection method	IDC fast connection

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



1249555

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

Classifications

ECLASS

ECLASS-11.0	27440101
ECLASS-12.0	27440113
ECLASS-13.0	27440113

ETIM

ETIM 8.0	EC002636
----------	----------

UNSPSC

UNSPSC 21.0	39121400
-------------	----------

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



1249555

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

Environmental product compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

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



1249555

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

Accessories

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

1249559

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

Connector set, number of positions: 8, CAT6, material: PA, Gender changer



HC-STA-RJ45GC-BWSC-ELAL - Connector set

1249560

<https://www.phoenixcontact.com/us/products/1249560>

Connector set, number of positions: 8, CAT6, material: Die-cast aluminum, salt water resistant, Gender changer



Phoenix Contact 2023 © - all rights reserved

<https://www.phoenixcontact.com>

Phoenix Contact USA

586 Fulling Mill Road

Middletown, PA 17057, United States

(+717) 944-1300

info@phoenixcon.com