HC-Q-I-RJ45 GC-F/F - Contact insert

1422590

https://www.phoenixcontact.com/us/products/1422590

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Contact insert, number of positions: RJ45, size: D7, type : RJ45, Socket, 50 V, 1 A, application: Data, Gender changer

Commercial data

Item number	1422590
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	BF61
Product key	BF7ABJ
Catalog page	Page 513 (C-2-2019)
GTIN	4055626328393
Weight per piece (including packing)	17.8 g
Weight per piece (excluding packing)	15 g
Customs tariff number	85366990
Country of origin	CN

Technical data

Notes

General	Use the patch cable from the accessories list.
General	Connectors may be operated only when there is no load/voltage.

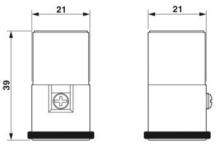
Product properties

Product type	Contact insert with a fixed no. of positions
Series	HC-Q
Application	Data
Type	D7
Sensor type	Ethernet
Number of positions	8
Connection profile	RJ45
Type	RJ45

Insulation characteristics

Overvoltage category	III
Degree of pollution	3

Dimensions

Dimensional drawing	
Width	21 mm
Height	39 mm
Length	21 mm

Connection data

Connection technology

Connection in acc. with standard	IEC / EN

Conductor connection

Tightening torque	0.5 Nm ... 0.8 Nm (Mounting screws for mounting in the HEAVYCON housing)

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)	$CAT6_A$

Material specifications

Material Housing	PA 6.6
Flammability rating according to UL 94	V0
Contact material	Copper alloy
Contact surface material	Au
Contact carrier material	PC
Standards/regulations	PC: Fire protection in rail vehicles - requirement sets R22, R23, and R24 acc. to DIN EN 45545-2 (Risk level HL1 - HL3)

Environmental and real-life conditions

Ambient conditions

Ambient temperature (operation)	-40 °C ... 70 °C

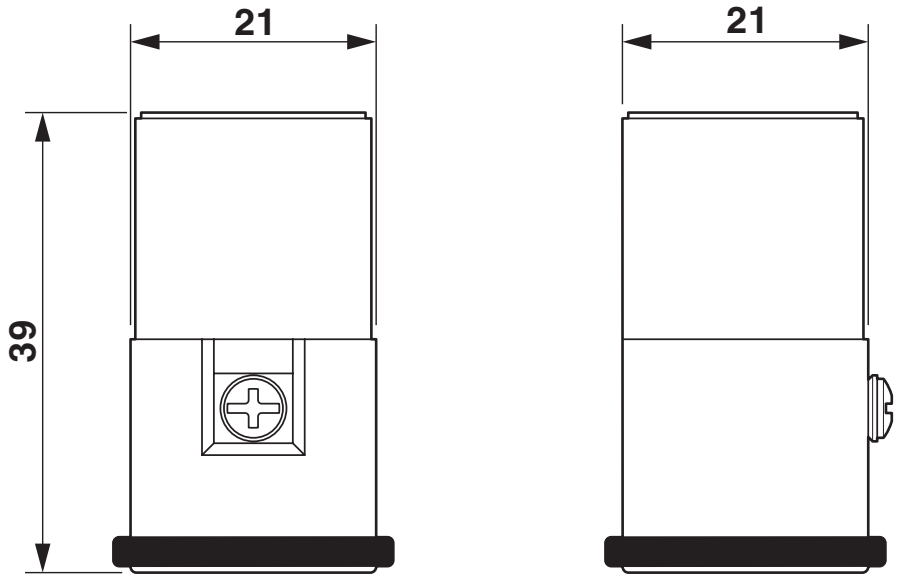
Standards and regulations

Testing

Standards/regulations	PC: Fire protection in rail vehicles - requirement sets R22, R23, and R24 acc. to DIN EN 45545-2 (Risk level HL1 - HL3)

Drawings

Dimensional drawing



Dimensional drawing

Approvals

To download certificates, visit the product detail page: https://www.phoenixcontact.com/us/products/1422590

EAC
Approval ID: RU C-DE.BL08.B.00511

Classifications

ECLASS

ECLASS-11.0	27440205
ECLASS-12.0	27440205
ECLASS-13.0	27440205

ETIM

ETIM 8.0	EC000438

UNSPSC

UNSPSC 21.0	39121500

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%

Accessories

HC-D07-SP-RBK - Profile gasket

1419622

https://www.phoenixcontact.com/us/products/1419622

Profile gasket, design: D7, for pin inserts



HC-D 7-DS-IP65 - Sealing screw

1686229

https://www.phoenixcontact.com/us/products/1686229



Sealing screw, size: Countersunk head, IP67, replacement part for D7 size HEAVYCON housing

FL CAT5 PATCH 0,3 - Patch cable

2832250

https://www.phoenixcontact.com/us/products/2832250



Patch cable, CAT5, assembled, 0.3 m

FL CAT5 PATCH 0,5 - Patch cable

2832263

https://www.phoenixcontact.com/us/products/2832263



Patch cable, CAT5, assembled, 0.5 m

FL CAT5 PATCH 1,0 - Patch cable

2832276

https://www.phoenixcontact.com/us/products/2832276



Patch cable, CAT5, assembled, 1 m

FL CAT5 PATCH 1,5 - Patch cable

2832221

https://www.phoenixcontact.com/us/products/2832221



Patch cable, CAT5, assembled, 1.5 m

FL CAT5 PATCH 2,0 - Patch cable

2832289

https://www.phoenixcontact.com/us/products/2832289



Patch cable, CAT5, assembled, 2 m

FL CAT5 PATCH 3,0 - Patch cable

2832292

https://www.phoenixcontact.com/us/products/2832292



Patch cable, CAT5, assembled, 3 m

FL CAT5 PATCH 5,0 - Patch cable

2832580

https://www.phoenixcontact.com/us/products/2832580



Patch cable, CAT5, assembled, 5 m

FL CAT5 PATCH 7,5 - Patch cable

2832616

https://www.phoenixcontact.com/us/products/2832616



Patch cable, CAT5, assembled, 7.5 m

FL CAT5 PATCH 10,0 - Patch cable

2832629

https://www.phoenixcontact.com/us/products/2832629



Patch cable, CAT5, assembled, 10 m

FL CAT6 PATCH 0,3 - Patch cable

2891181

https://www.phoenixcontact.com/us/products/2891181



Patch cable, degree of protection: IP20, cable length: 0.3 m, number of positions: 8, 1 Gbps, CAT6, Ethernet

FL CAT6 PATCH 0,5 - Patch cable

2891288

https://www.phoenixcontact.com/us/products/2891288



Patch cable, degree of protection: IP20, cable length: 0.5 m, number of positions: 8, 1 Gbps, CAT6, Ethernet

FL CAT6 PATCH 1,0 - Patch cable

2891385

https://www.phoenixcontact.com/us/products/2891385



Patch cable, degree of protection: IP20, cable length: 1 m, number of positions: 8, 1 Gbps, CAT6, Ethernet

FL CAT6 PATCH 1,5 - Patch cable

2891482

https://www.phoenixcontact.com/us/products/2891482



Patch cable, CAT6, preassembled, 1.5 m

FL CAT6 PATCH 2,0 - Patch cable

2891589

https://www.phoenixcontact.com/us/products/2891589



Patch cable, degree of protection: IP20, cable length: 2 m, number of positions: 8, 1 Gbps, CAT6, Ethernet

FL CAT6 PATCH 3,0 - Patch cable

2891686

https://www.phoenixcontact.com/us/products/2891686



Patch cable, degree of protection: IP20, cable length: 3 m, number of positions: 8, 1 Gbps, CAT6, Ethernet

FL CAT6 PATCH 5,0 - Patch cable

2891783

https://www.phoenixcontact.com/us/products/2891783



Patch cable, degree of protection: IP20, cable length: 5 m, number of positions: 8, 1 Gbps, CAT6, Ethernet

FL CAT6 PATCH 7,5 - Patch cable

2891880

https://www.phoenixcontact.com/us/products/2891880



Patch cable, degree of protection: IP20, cable length: 7.5 m, number of positions: 8, 1 Gbps, CAT6, Ethernet

FL CAT6 PATCH 10 - Patch cable

2891877

https://www.phoenixcontact.com/us/products/2891877



Patch cable, degree of protection: IP20, cable length: 10 m, number of positions: 8, 1 Gbps, CAT6, Ethernet

FL CAT6 PATCH 12,5 - Patch cable

2891369

https://www.phoenixcontact.com/us/products/2891369



Patch cable, CAT6, preassembled, 12.5 m

FL CAT6 PATCH 15,0 - Patch cable

2891372

https://www.phoenixcontact.com/us/products/2891372



Patch cable, degree of protection: IP20, cable length: 15 m, number of positions: 8, 1 Gbps, CAT6, Ethernet

FL CAT6 PATCH 20,0 - Patch cable

2891576

https://www.phoenixcontact.com/us/products/2891576



Patch cable, degree of protection: IP20, cable length: 20 m, number of positions: 8, 1 Gbps, CAT6, Ethernet

NBC-R4AC1/0,3-94G/R4AC1-BU - Patch cable

1413158

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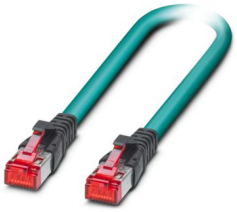

Patch cable, degree of protection: IP20, cable length: 0.3 m, number of positions: 8, 10 Gbps, $CAT6_A$, connection method: Pierce connection, Ethernet

HC-Q-I-RJ45 GC-F/F - Contact insert

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NBC-R4AC1/0,5-94G/R4AC1-BU - Patch cable

1413159

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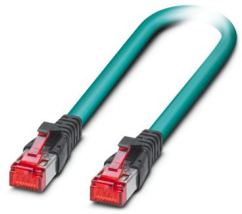
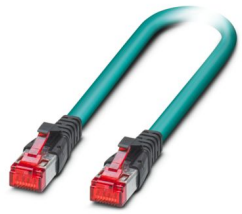


Patch cable, degree of protection: IP20, cable length: 0.5 m, number of positions: 8, 10 Gbps, $CAT6_A$, Ethernet

NBC-R4AC1/1,0-94G/R4AC1-BU - Patch cable

1413160

https://www.phoenixcontact.com/us/products/1413160



Patch cable, degree of protection: IP20, cable length: 1 m, number of positions: 8, 10 Gbps, $CAT6_A$, Ethernet

HC-Q-I-RJ45 GC-F/F - Contact insert

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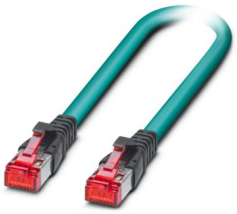
NBC-R4AC1/2,0-94G/R4AC1-BU - Patch cable

1413161

https://www.phoenixcontact.com/us/products/1413161

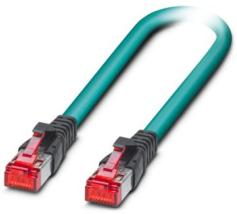


Patch cable, degree of protection: IP20, cable length: 2 m, number of positions: 8, 10 Gbps, $CAT6_A$, Ethernet

NBC-R4AC1/3,0-94G/R4AC1-BU - Patch cable

1413162

https://www.phoenixcontact.com/us/products/1413162

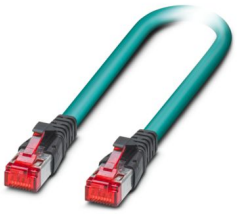


Patch cable, degree of protection: IP20, cable length: 3 m, number of positions: 8, 10 Gbps, $CAT6_A$, Ethernet

NBC-R4AC1/5,0-94G/R4AC1-BU - Patch cable

1413163

https://www.phoenixcontact.com/us/products/1413163

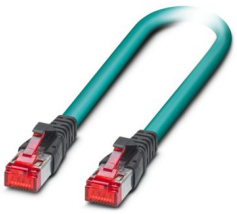


Patch cable, degree of protection: IP20, cable length: 5 m, number of positions: 8, 10 Gbps, $CAT6_A$, Ethernet

NBC-R4AC1/10,0-94G/R4AC1-BU - Patch cable

1413164

https://www.phoenixcontact.com/us/products/1413164



Patch cable, degree of protection: IP20, cable length: 10 m, number of positions: 8, 10 Gbps, $CAT6_A$, Ethernet

HC-Q-I-RJ45 GC-F/F - Contact insert

1422590

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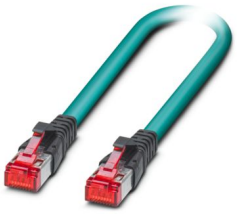
NBC-R4AC1/15,0-94G/R4AC1-BU - Patch cable

1413165

https://www.phoenixcontact.com/us/products/1413165

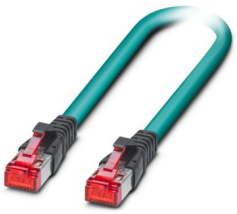


Patch cable, degree of protection: IP20, cable length: 15 m, number of positions: 8, 10 Gbps, $CAT6_A$, Ethernet

NBC-R4AC1/20,0-94G/R4AC1-BU - Patch cable

1413166

https://www.phoenixcontact.com/us/products/1413166



Patch cable, degree of protection: IP20, cable length: 20 m, number of positions: 8, 10 Gbps, $CAT6_A$, Ethernet

HC-Q-I-RJ45 GC-F/F - Contact insert

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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-Q-I-RJ45-AD-PC-M - Contact insert

1077120

https://www.phoenixcontact.com/us/products/1077120



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

HC-Q-I-RJ45 GC-F/F - Contact insert

1422590

https://www.phoenixcontact.com/us/products/1422590

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

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