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

1422590

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

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

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Technical data

Notes

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

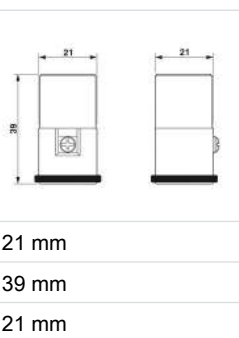### Product properties

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

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	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
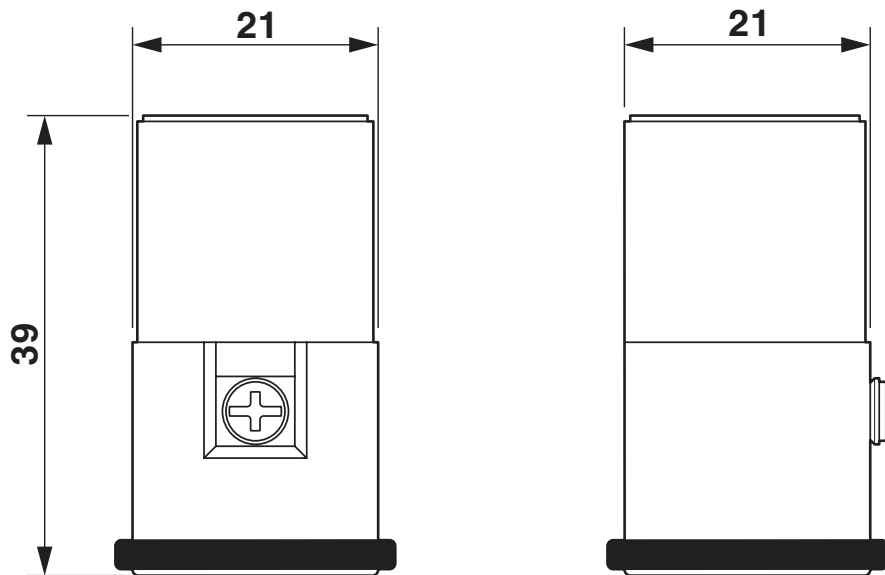
Dimensional drawing

Approvals

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

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

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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

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

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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

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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

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

1422590

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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

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

1422590

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

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

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

1422590

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

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

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

1422590

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

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, CAT6, preassembled, 0.3 m

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

1422590

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

FL CAT6 PATCH 0,5 - Patch cable

2891288

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

Patch cable, CAT6, preassembled, 0.5 m

FL CAT6 PATCH 1,0 - Patch cable

2891385

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

Patch cable, CAT6, preassembled, 1.0 m

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

1422590

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

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, CAT6, preassembled, 2.0 m

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

1422590

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

FL CAT6 PATCH 3,0 - Patch cable

2891686

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

Patch cable, CAT6, preassembled, 3.0 m

FL CAT6 PATCH 5,0 - Patch cable

2891783

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

Patch cable, CAT6, preassembled, 5.0 m

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

1422590

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

FL CAT6 PATCH 7,5 - Patch cable

2891880

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

Patch cable, CAT6, preassembled, 7.5 m

FL CAT6 PATCH 10 - Patch cable

2891877

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

Patch cable, CAT6, preassembled, 10 m

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

1422590

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

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, CAT6, preassembled, 15.0 m

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

1422590

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

FL CAT6 PATCH 20,0 - Patch cable

2891576

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

Patch cable, CAT6, preassembled, 20.0 m

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

1413158

https://www.phoenixcontact.com/us/products/1413158

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

1422590

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

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

1413159

https://www.phoenixcontact.com/us/products/1413159

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

1422590

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

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

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

1422590

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

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

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

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

1422590

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

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