

HC-M-USB-GC-F - Contact insert module



1353677

<https://www.phoenixcontact.com/in/products/1353677>

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Contact insert module, number of positions: USB-A, type : USB A 3.0, control contacts: 9, Socket, 20 V, 5 A, application: Data, Gender changer

Commercial data

Item number	1353677
Packing unit	1 pc
Minimum order quantity	1 pc
Product key	AF7ACE
GTIN	4063151943882
Weight per piece (including packing)	22.5 g
Weight per piece (excluding packing)	22.22 g
Country of origin	PL

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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.

Mounting

Assembly note	To ensure correct use, installation in housing with IP54 protection or better is required
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Product properties

Product type	Modular contact insert
Series	HC-M-USB
Application	Data
Sensor type	USB 3.0
Number of positions	9
Connection profile	USB-A
No. of cable outlets	1
Number of module slots	1
No. of control contacts	9
Type	USB A 3.0
Shielded	yes

Insulation characteristics

Overvoltage category	III
Degree of pollution	3

Dimensions

Width	33.9 mm
Height	56.2 mm
Length	14.6 mm

Mechanical characteristics

Minimum housing height	72 mm
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Electrical properties

Rated voltage (III/3)	20 V
Rated surge voltage	0.8 kV
Rated current	5 A
Transmission characteristics (category)	USB 3.2 Gen 1

Mechanical properties

Mechanical data

Insertion/withdrawal cycles	≥ 500
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Material specifications

Flammability rating according to UL 94	V0
Contact material	Copper alloy
Contact surface material	Au
Contact carrier material	PC

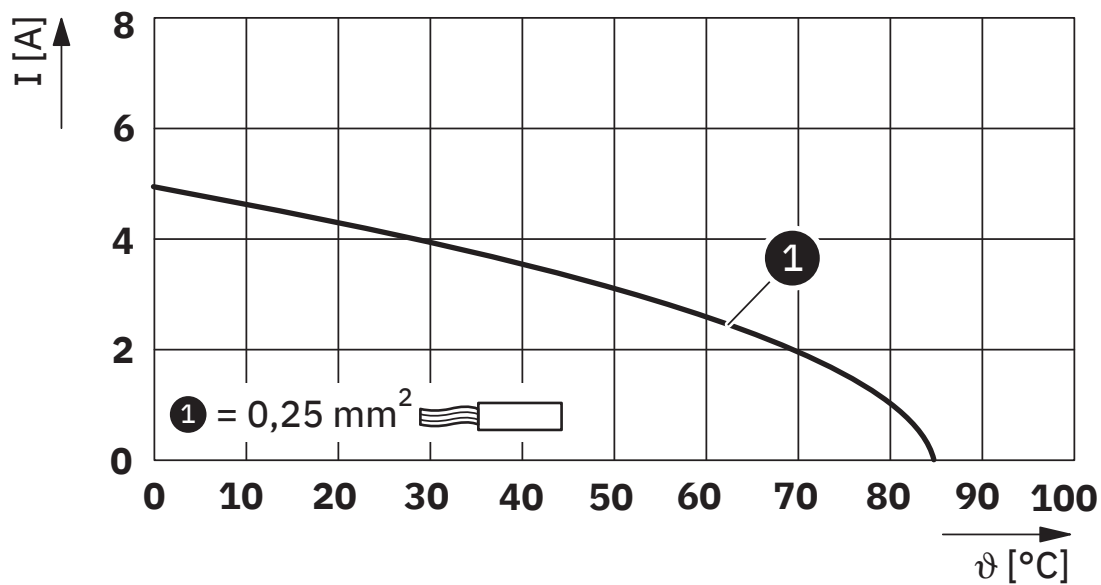
Environmental and real-life conditions

Ambient conditions

Ambient temperature (operation)	-25 °C ... 85 °C (including heating up of contacts)
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Drawings

Diagram



Derating diagram

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Classifications

ECLASS

ECLASS-13.0	27440218
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ETIM

ETIM 9.0	EC000438
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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%

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Accessories

HC-CBU-MOD - Coding element

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Coding socket for coding up to 16 connectors, for HC Modular

HC-CST-MOD - Coding element

1636127

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Coding peg for coding up to 16 connectors, for HC Modular

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NBC-USB2.0-UAM/0,5-PVC/UAM - USB cable

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USB cable, design: USB-A, degree of protection: IP20, cable length: 0.5 m, number of positions: 4, 480 Mbps, cable outlet: straight, USB 2.0

NBC-USB2.0-UAM/1,0-PVC/UAM - USB cable

1333136

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USB cable, design: USB-A, degree of protection: IP20, cable length: 1 m, number of positions: 4, 480 Mbps, cable outlet: straight, USB 2.0

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NBC-USB2.0-UAM/1,5-PVC/UAM - USB cable

1333137

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USB cable, design: USB-A, degree of protection: IP20, cable length: 1.5 m, number of positions: 4, 480 Mbps, cable outlet: straight, USB 2.0

NBC-USB2.0-UAM/1,8-PVC/UAM - USB cable

1333138

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USB cable, design: USB-A, degree of protection: IP20, cable length: 1.8 m, number of positions: 4, 480 Mbps, cable outlet: straight, USB 2.0

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NBC-USB2.0-UAM/2,0-PVC/UAM - USB cable

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USB cable, design: USB-A, degree of protection: IP20, cable length: 2 m, number of positions: 4, 480 Mbps, cable outlet: straight, USB 2.0

NBC-USB2.0-UAM/3,0-PVC/UAM - USB cable

1333140

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USB cable, design: USB-A, degree of protection: IP20, cable length: 3 m, number of positions: 4, 480 Mbps, cable outlet: straight, USB 2.0

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NBC-USB2.0-UAM/5,0-PVC/UAM - USB cable

1333145

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USB cable, design: USB-A, degree of protection: IP20, cable length: 5 m, number of positions: 4, 480 Mbps, cable outlet: straight, USB 2.0

NBC-USB3.0-UAM/0,5-PVC/UAM - USB cable

1333150

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USB cable, design: USB-A, degree of protection: IP20, cable length: 0.5 m, number of positions: 9, 5 Gbps, cable outlet: straight, USB 3.2 Gen. 1

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NBC-USB3.0-UAM/1,0-PVC/UAM - USB cable

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USB cable, design: USB-A, degree of protection: IP20, cable length: 1 m, number of positions: 9, 5 Gbps, cable outlet: straight, USB 3.2 Gen. 1

NBC-USB3.0-UAM/1,5-PVC/UAM - USB cable

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USB cable, design: USB-A, degree of protection: IP20, cable length: 1.5 m, number of positions: 9, 5 Gbps, cable outlet: straight, USB 3.2 Gen. 1

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NBC-USB3.0-UAM/1,8-PVC/UAM - USB cable

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USB cable, design: USB-A, degree of protection: IP20, cable length: 1.8 m, number of positions: 9, 5 Gbps, cable outlet: straight, USB 3.2 Gen. 1

NBC-USB3.0-UAM/2,0-PVC/UAM - USB cable

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USB cable, design: USB-A, degree of protection: IP20, cable length: 2 m, number of positions: 9, 5 Gbps, cable outlet: straight, USB 3.2 Gen. 1

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NBC-USB3.0-UAM/3,0-PVC/UAM - USB cable

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USB cable, design: USB-A, degree of protection: IP20, cable length: 3 m, number of positions: 9, 5 Gbps, cable outlet: straight, USB 3.2 Gen. 1

NBC-USB3.0-UAM/0,5-PVC/UCM - USB cable

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USB cable, design: USB-A, degree of protection: IP20, cable length: 0.5 m, number of positions: 9, 5 Gbps, cable outlet: straight, USB 3.2 Gen. 1

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NBC-USB3.0-UAM/1,0-PVC/UCM - USB cable

1333165

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USB cable, design: USB-A, degree of protection: IP20, cable length: 1 m, number of positions: 9, 5 Gbps, cable outlet: straight, USB 3.2 Gen. 1

NBC-USB3.0-UAM/1,5-PVC/UCM - USB cable

1333166

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USB cable, design: USB-A, degree of protection: IP20, cable length: 1.5 m, number of positions: 9, 5 Gbps, cable outlet: straight, USB 3.2 Gen. 1

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NBC-USB3.0-UAM/1,8-PVC/UCM - USB cable

1333185

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USB cable, design: USB-A, degree of protection: IP20, cable length: 1.8 m, number of positions: 9, 5 Gbps, cable outlet: straight, USB 3.2 Gen. 1

NBC-USB3.0-UAM/2,0-PVC/UCM - USB cable

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USB cable, design: USB-A, degree of protection: IP20, cable length: 2 m, number of positions: 9, 5 Gbps, cable outlet: straight, USB 3.2 Gen. 1

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NBC-USB3.0-UAM/3,0-PVC/UCM - USB cable

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USB cable, design: USB-C, degree of protection: IP20, cable length: 3 m, number of positions: 9, 5 Gbps, cable outlet: straight, USB 3.2 Gen. 1

HC-M-B06-MFH-B - Module carrier frame

1182085

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Module carrier frame, size: B6, type : for the panel mounting side (a, b, c, ...), 4 mm² ... 6 mm², application: Module carrier frame

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HC-M-B10-MFH-B - Module carrier frame

1182088

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Module carrier frame, size: B10, type : for the panel mounting side (a, b, c, ...), 4 mm² ... 6 mm², application: Module carrier frame

HC-M-B16-MFH-B - Module carrier frame

1182090

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Module carrier frame, size: B16, type : for the panel mounting side (a, b, c, ...), 4 mm² ... 6 mm², application: Module carrier frame

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HC-M-B24-MFH-B - Module carrier frame

1182094

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Module carrier frame, size: B24, type : for the panel mounting side (a, b, c, ...), 4 mm² ... 6 mm², application: Module carrier frame



HC-M-B06-MFH-H - Module carrier frame

1182087

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Module carrier frame, size: B6, type : for the sleeve side (A, B, C, ...), 4 mm² ... 6 mm², application: Module carrier frame



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HC-M-B10-MFH-H - Module carrier frame

1182089

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Module carrier frame, size: B10, type : for the sleeve side (A, B, C, ...), 4 mm² ...
6 mm², application: Module carrier frame



HC-M-B16-MFH-H - Module carrier frame

1182093

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Module carrier frame, size: B16, type : for the sleeve side (A, B, C, ...), 4 mm² ...
6 mm², application: Module carrier frame



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HC-M-B24-MFH-H - Module carrier frame

1182095

<https://www.phoenixcontact.com/in/products/1182095>

Module carrier frame, size: B24, type : for the sleeve side (A, B, C, ...), 4 mm² ... 6 mm², application: Module carrier frame



HC-M-USB-AD-PC-M - Contact insert module

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Contact insert module, adapter for patch cables, the matching patch cables can be found in the accessories list



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