

HC-CME-DD-71-F-SNAP-L - Conductor connector



1549639

<https://www.phoenixcontact.com/in/products/1549639>

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Conductor connector, number of positions: 71+PE, number of connections per position: 1, Socket, Crimp connection, 250 V, 10 A, 0.14 mm² ... 2.5 mm², for connections in control cabinets

Commercial data

Item number	1549639
Packing unit	10 pc
Minimum order quantity	1 pc
Product key	AF7ABZ
GTIN	4067923025035
Weight per piece (including packing)	72.09 g
Weight per piece (excluding packing)	71 g
Country of origin	CN

Technical data

Notes

General	Connectors may be operated only when there is no load/voltage.
General	It is imperative that the supplied funnel pads (HC-DD....FP) are used to prevent tip collision due to misalignment.

Mounting

Assembly note	Use within a control cabinet that is protected against unauthorized access is essential to ensure correct use. At the installation location in the control cabinet, the cable bundle to be connected must be properly installed and fitted with strain relief. As the pin connector pattern does not provide a leading protective conductor contact (PE), consistent grounding must be ensured by the control cabinet assembly.
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Product properties

Product type	Contact insert with a fixed no. of positions
Number of positions	71
Connection profile	71+PE
Number of connections per position	1
Contact material type	turned
	rolled

Insulation characteristics

Overvoltage category	III
Degree of pollution	3

Dimensions

Mechanical characteristics

Contact diameter	1.6 mm
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Connection data

Connection technology

Connection technology	Crimp connection
Number of connections per position	1

Conductor connection

Conductor cross section	0.14 mm ² ... 2.5 mm ²
Connection cross section AWG	26 ... 14
Stripping length of the individual wire	8 mm (0.14 mm ² ... 1.5 mm ²)
	6 mm (2.5 mm ²)

Electrical properties

Rated voltage (III/3)	250 V
Rated surge voltage	4 kV

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Rated current	10 A
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Material specifications

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

Environmental and real-life conditions

Ambient conditions

Ambient temperature (operation)	-40 °C ... 125 °C (including heating up of contacts)
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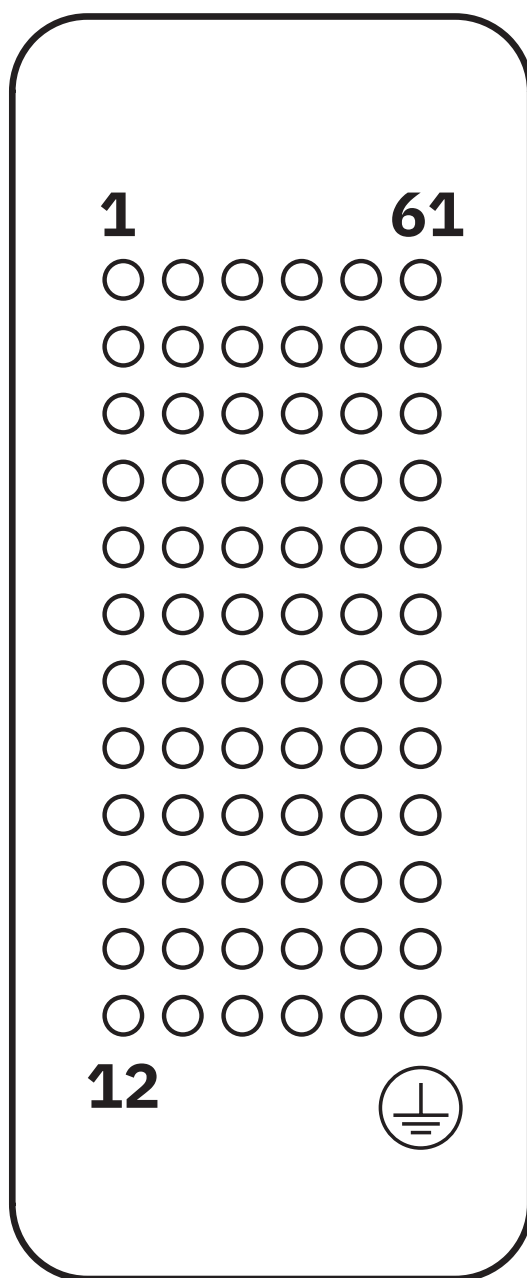
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Drawings

Schematic diagram



Connector pin assignment, connection side

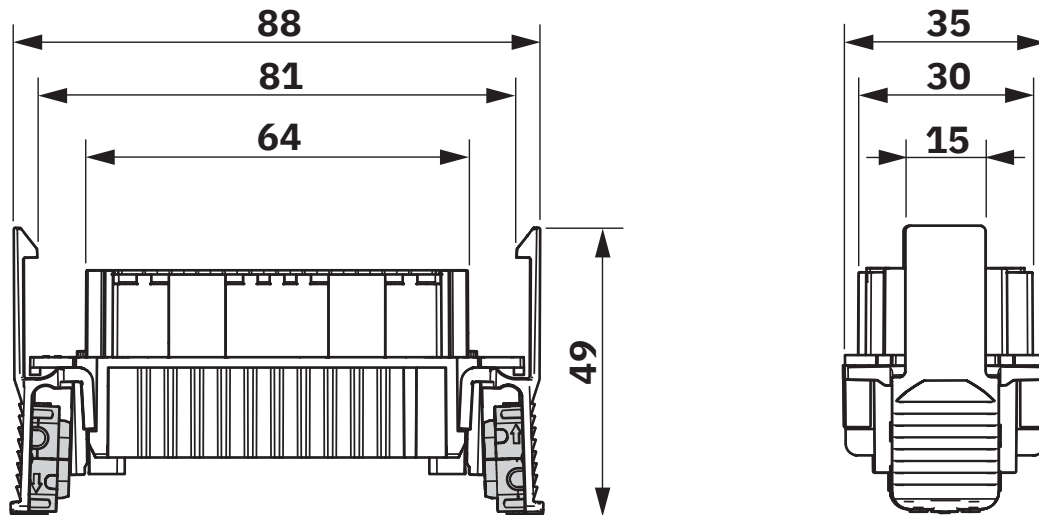
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Dimensional drawing



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Classifications

ECLASS

ECLASS-11.0	27440205
ECLASS-13.0	27440205

ETIM

ETIM 9.0	EC000438
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Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
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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-DD72-FP-F - Front plate

1201498

<https://www.phoenixcontact.com/in/products/1201498>



Guide element/front plate for the easy and secure connection of HC-DD series high-position connectors. Snap onto the contact insert. During connection, the pin contact is guided into place first, preventing contact with the socket contact.

CK1,6-ED-0,37BU AG - Crimp contact

1663394

<https://www.phoenixcontact.com/in/products/1663394>



Crimp contact, contact diameter: 1.6 mm, turned, Socket, contact material: Copper alloy, contact surface: silver-plated, connection cross section: 0.14 mm² ... 0.37 mm², AWG 26 ... 22

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CK1,6-ED-0,50BU AG - Crimp contact

1663404

<https://www.phoenixcontact.com/in/products/1663404>



Crimp contact, contact diameter: 1.6 mm, turned, Socket, contact material: Copper alloy, contact surface: silver-plated, connection cross section: 0.5 mm² ... 0.5 mm², AWG 20

CK1,6-ED-0,75BU AG - Crimp contact

1663417

<https://www.phoenixcontact.com/in/products/1663417>



Crimp contact, contact diameter: 1.6 mm, turned, Socket, contact material: Copper alloy, contact surface: silver-plated, connection cross section: 0.75 mm² ... 0.75 mm², AWG 18

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CK1,6-ED-1,00BU AG - Crimp contact

1663420

<https://www.phoenixcontact.com/in/products/1663420>



Crimp contact, contact diameter: 1.6 mm, turned, Socket, contact material: Copper alloy, contact surface: silver-plated, connection cross section: 1 mm² ... 1 mm², AWG 18

CK1,6-ED-1,50BU AG - Crimp contact

1663433

<https://www.phoenixcontact.com/in/products/1663433>



Crimp contact, contact diameter: 1.6 mm, turned, Socket, contact material: Copper alloy, contact surface: silver-plated, connection cross section: 1.5 mm² ... 1.5 mm², AWG 16

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CK1,6-ED-2,50BU AG - Crimp contact

1663446

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Crimp contact, contact diameter: 1.6 mm, turned, Socket, contact material: Copper alloy, contact surface: silver-plated, connection cross section: 2.5 mm² ... 2.5 mm², AWG 14

CK1,6-ED-BU-POF - Female contact

1885004

<https://www.phoenixcontact.com/in/products/1885004>



POF fiber optic socket contact, turned, for contact carriers (HC-DD...I-CT.../ HC-M-12-CT-F.../ HC-M-17-CT-F...) of CK1,6-ED... contacts

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CK1,6-ED-0,37F AG - Crimp contact

1266249

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Crimp contact, contact diameter: 1.6 mm, turned, Socket, contact material: Copper alloy, lead-free, contact surface: silver-plated, connection cross section: 0.14 mm² ... 0.34 mm², AWG 24 ... 22

CK1,6-ED-0,50F AG - Crimp contact

1266252

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Crimp contact, contact diameter: 1.6 mm, turned, Socket, contact material: Copper alloy, lead-free, contact surface: silver-plated, connection cross section: 0.5 mm² ... 0.5 mm², AWG 20

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CK1,6-ED-0,75F AG - Crimp contact

1266259

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Crimp contact, contact diameter: 1.6 mm, turned, Socket, contact material: Copper alloy, lead-free, contact surface: silver-plated, connection cross section: 0.75 mm² ... 0.75 mm², AWG 18

CK1,6-ED-1,50F AG - Crimp contact

1266263

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Crimp contact, contact diameter: 1.6 mm, turned, Socket, contact material: Copper alloy, lead-free, contact surface: silver-plated, connection cross section: 1.5 mm² ... 1.5 mm², AWG 16

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CK1,6-ED-2,50F AG - Crimp contact

1266295

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Crimp contact, contact diameter: 1.6 mm, turned, Socket, contact material: Copper alloy, lead-free, contact surface: silver-plated, connection cross section: 2.5 mm² ... 2.5 mm², AWG 14

CK1,6-ER-1,00BU OIC AG - Crimp contact

1004362

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Crimp contact, contact diameter: 1.6 mm, rolled, Socket, contact material: Cu alloy, nickel-plated, contact surface: silver-plated, connection cross section: 0.34 mm² ... 1 mm², AWG 22 ... 17

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CK1,6-ER-2,50BU OIC AG - Crimp contact

1004366

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Crimp contact, contact diameter: 1.6 mm, rolled, Socket, contact material: Cu alloy, nickel-plated, contact surface: silver-plated, connection cross section: 1.5 mm² ... 2.5 mm², AWG 16 ... 14

CK1,6-BR-1,00BU OIC AG - Crimp contact

1004381

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Crimp contact, contact diameter: 1.6 mm, rolled, Socket, contact material: Cu alloy, nickel-plated, contact surface: silver-plated, connection cross section: 0.34 mm² ... 1 mm², AWG 22 ... 17, Taped products

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CK1,6-BR-2,50BU OIC AG - Crimp contact

1004383

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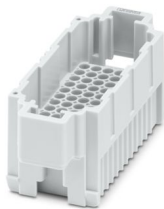


Crimp contact, contact diameter: 1.6 mm, rolled, Socket, contact material: Cu alloy, nickel-plated, contact surface: silver-plated, connection cross section: 1.5 mm² ... 2.5 mm², AWG 16 ... 14, Taped products

HC-CME-DD-71-M - Conductor connector

1549643

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Conductor connector, number of positions: 71+PE, number of connections per position: 1, Pin, Crimp connection, 250 V, 10 A, 0.14 mm² ... 2.5 mm², for connections in control cabinets

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