

HC-CME-DD-107-M - Conductor connector



1549645

<https://www.phoenixcontact.com/in/products/1549645>

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Conductor connector, number of positions: 107+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

Commercial data

Item number	1549645
Packing unit	10 pc
Minimum order quantity	1 pc
Product key	AF7ABZ
GTIN	4067923025509
Weight per piece (including packing)	56.33 g
Weight per piece (excluding packing)	55.24 g
Country of origin	CN

Technical data

Notes

General	Connectors may be operated only when there is no load/voltage.
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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	107
Connection profile	107+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
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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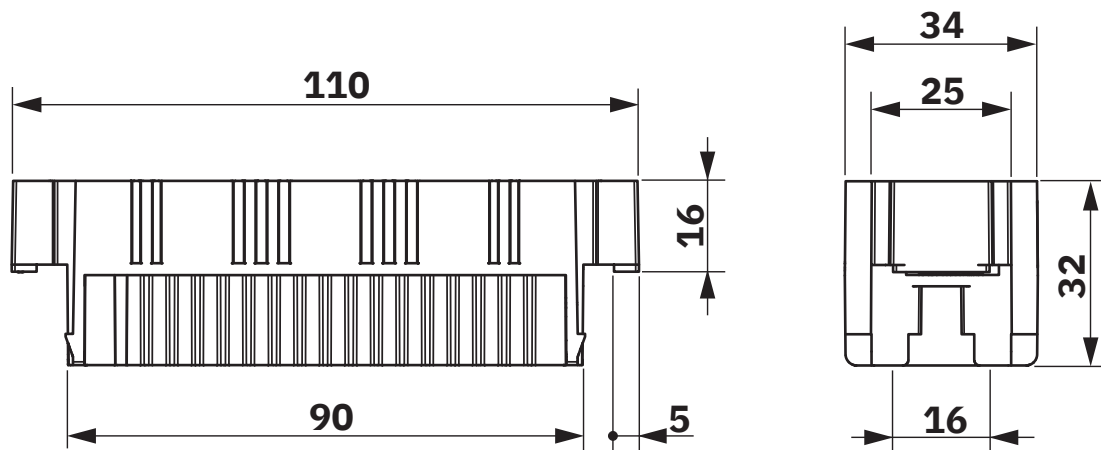
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Drawings

Dimensional drawing



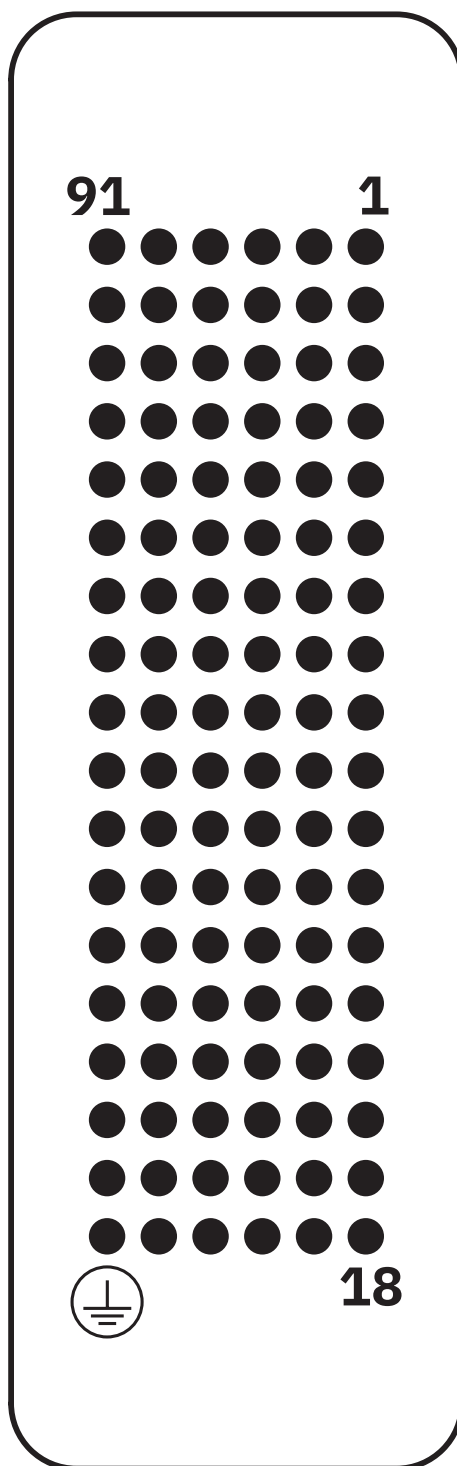
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Schematic diagram



Connector pin assignment, connection side

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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
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

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

1663336

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

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

1663349

<https://www.phoenixcontact.com/in/products/1663349>



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

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

1663352

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

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

1663365

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

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

1663378

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

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

1663381

<https://www.phoenixcontact.com/in/products/1663381>



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

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CK1,6-ED-ST-POF - Pin contact

1884995

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

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

1266193

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Crimp contact, contact diameter: 1.6 mm, turned, Pin, contact material: Copper alloy, lead-free, contact surface: silver-plated, connection cross section: 0.14 mm² ... 0.34 mm², AWG 26 ... 22

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

1266195

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

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

1266245

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Crimp contact, contact diameter: 1.6 mm, turned, Pin, 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-0,75M AG - Crimp contact

1266450

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

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

1266244

<https://www.phoenixcontact.com/in/products/1266244>



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

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

1266247

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

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

1004360

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Crimp contact, contact diameter: 1.6 mm, rolled, Pin, 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-2,50ST OIC AG - Crimp contact

1004365

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Crimp contact, contact diameter: 1.6 mm, rolled, Pin, 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-1,00ST OIC AG - Crimp contact

1004380

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Crimp contact, contact diameter: 1.6 mm, rolled, Pin, 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-2,50ST OIC AG - Crimp contact

1004382

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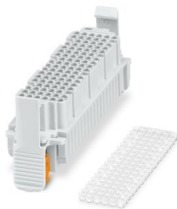


Crimp contact, contact diameter: 1.6 mm, rolled, Pin, contact material: Cu alloy, nickel-plated, contact surface: silver-plated, connection cross section: 1.5 mm² ... 2.5 mm², AWG 16 ... 14, Taped products

HC-CME-DD-107-F-SNAP-L - Conductor connector

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Conductor connector, number of positions: 107+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

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