HC-DCC4-I-CT-M - Contact insert

1887969

https://www.phoenixcontact.com/us/products/1887969

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Contact insert, number of positions: 4+PE, size: DCC06, Pin, Crimp connection, 690 V, 100 A, 6 mm^2 ... 25 mm^2, application: Power supply in data centers, tool-free Click-in mounting

Your advantages

- Shock and vibration-resistant in accordance with DIN EN 61373

Commercial data

Item number	1887969
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	BF61
Product key	AF7ABL
GTIN	4067923557246
Weight per piece (including packing)	45.7 g
Weight per piece (excluding packing)	22.22 g
Customs tariff number	85389099
Country of origin	PL

Technical data

Notes

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
	Tool-free snap-in into the plastic housings of the HC-DDC06 series

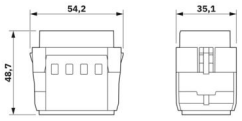
Product properties

Product type	Contact insert with a fixed no. of positions
Series	HC-DCC
Application	Power supply in data centers
Number of positions	4
Connection profile	4+PE
Contact material type	turned

Insulation characteristics

Overvoltage category	III
Degree of pollution	3

Dimensions

Dimensional drawing	
Width	35.1 mm
Height	48.7 mm
Length	54.2 mm

Mechanical characteristics

Contact diameter	6 mm

Connection data

Connection technology

Connection technology	Crimp connection

Conductor connection

Conductor cross-section	6 mm² ... 25 mm²
Connection cross section AWG	10 ... 4

Electrical properties

Rated voltage (III/3)	690 V
Rated surge voltage	6 kV
Rated current	100 A
SCCR	65 kA (UL 2237)

Mechanical properties

Mechanical data

Insertion/withdrawal cycles	≥ 500

Material specifications

Flammability rating according to UL 94	V0
Contact carrier material	PA 6

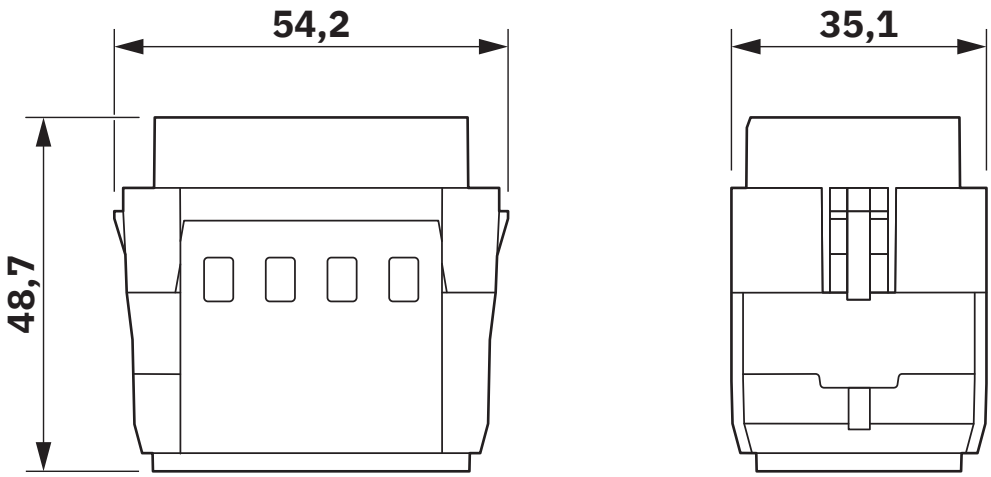
Environmental and real-life conditions

Ambient conditions

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

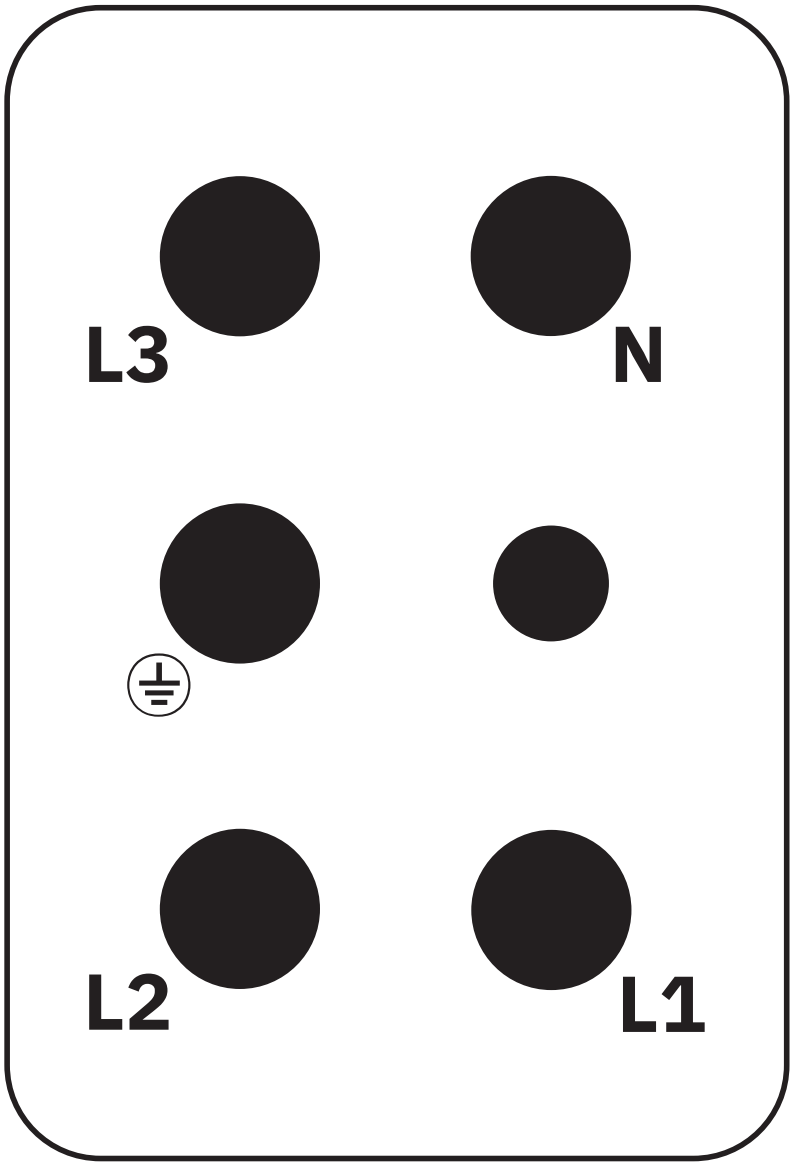
Drawings

Dimensional drawing



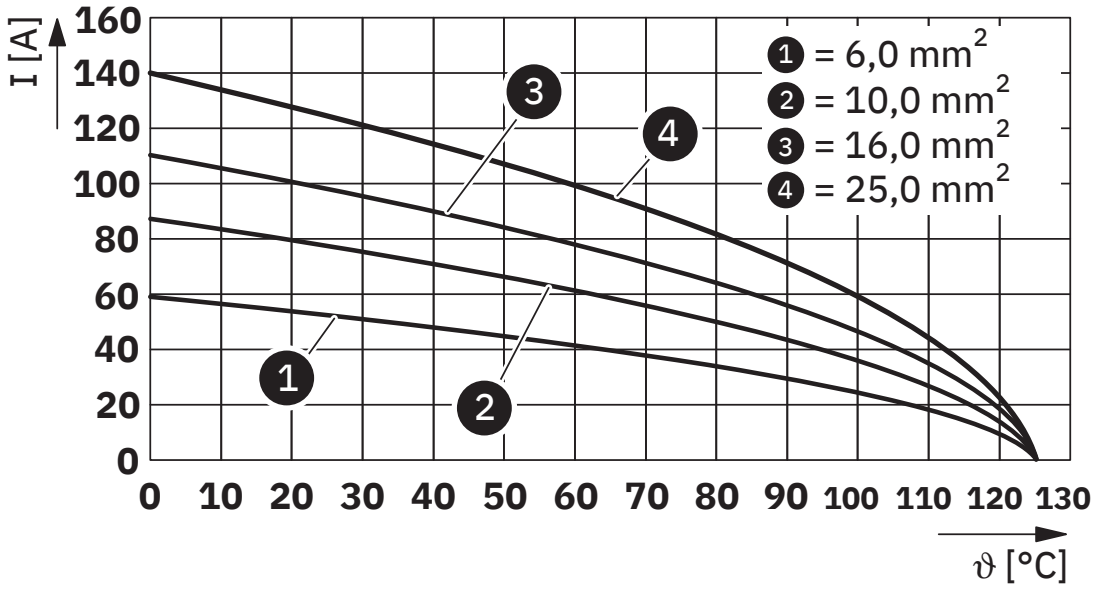
Dimensional drawing

Schematic diagram



Connector pin assignment, connection side

Diagram



Derating diagram

Classifications

ECLASS

ECLASS-13.0	27440205
ECLASS-15.0	27440205

ETIM

ETIM 10.0	EC000438

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%

EF3.1 Climate Change

CO2e kg	0.322 kg CO2e

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