

## Contact insert - HC-Q04-I-CT-M - 1419898


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Contact insert, number of positions: 4, size: D7, number of connections per position: 1, Pin, Crimp connection, 830 V, 40 A, 1.5 mm² ... 6 mm², application: Power, Only suitable for plastic housings



### Key Commercial Data

Packing unit	1 pc
GTIN	 4 055626 256177
GTIN	4055626256177
Weight per Piece (excluding packing)	12.000 g
Custom tariff number	85389099
Country of origin	China

### Technical data

#### General

Note	for HC-STA-D07 housing, CK 4,0 crimp contacts
	Order crimp contacts separately
	Connectors may be operated only when there is no load/voltage.
Connection method	Crimp connection
Number of connections per position	1
Degree of pollution	3
Overvoltage category	III
Number of positions	4
Insertion/withdrawal cycles	≥ 500
Size	D7
Contact numbering	1 - 4
Conductor cross section	1.5 mm² ... 6 mm²
Connection cross section AWG	16 ... 10
Stripping length of the individual wire	9 mm (1.5 ... 6.0 mm²)

# Contact insert - HC-Q04-I-CT-M - 1419898

## Technical data

### General

Assembly instructions	To ensure correct use, installation in housing with IP54 protection or better is required
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### Ambient conditions

Degree of protection (IP)	IP20
Ambient temperature (operation)	-40 °C ... 125 °C (including heating up of contacts)

### Material data

Seal material	NBR, conductive
Contact material	Copper alloy
Contact surface material	Ag
Contact carrier material	PC

### Electrical characteristics

Rated voltage (III/3)	830 V
Rated surge voltage	8 kV
Rated current	40 A

### Standards and Regulations

Constructional and testing regulations	DIN VDE 0627/86
	DIN VDE 0110/02.79
	DIN VDE 0110-1/04.97
	IEC 60664-1, DIN IEC 60512
	IEC 60352
Flammability rating according to UL 94	V0

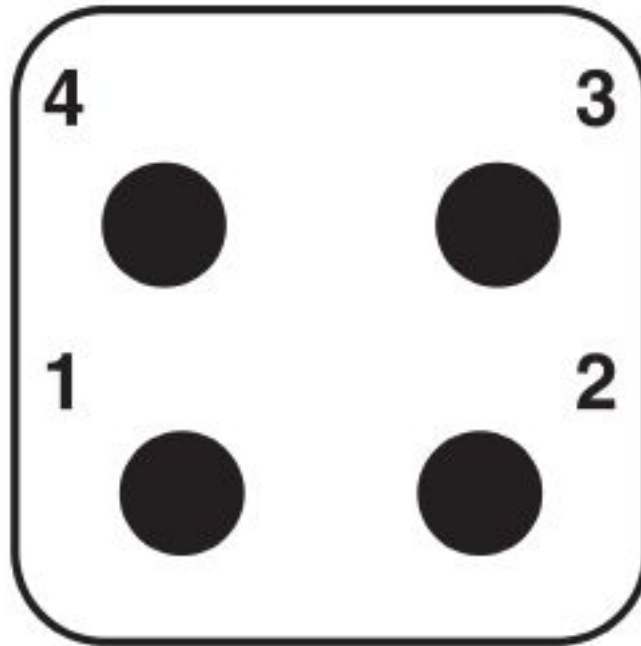
### Environmental Product Compliance

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

## Drawings

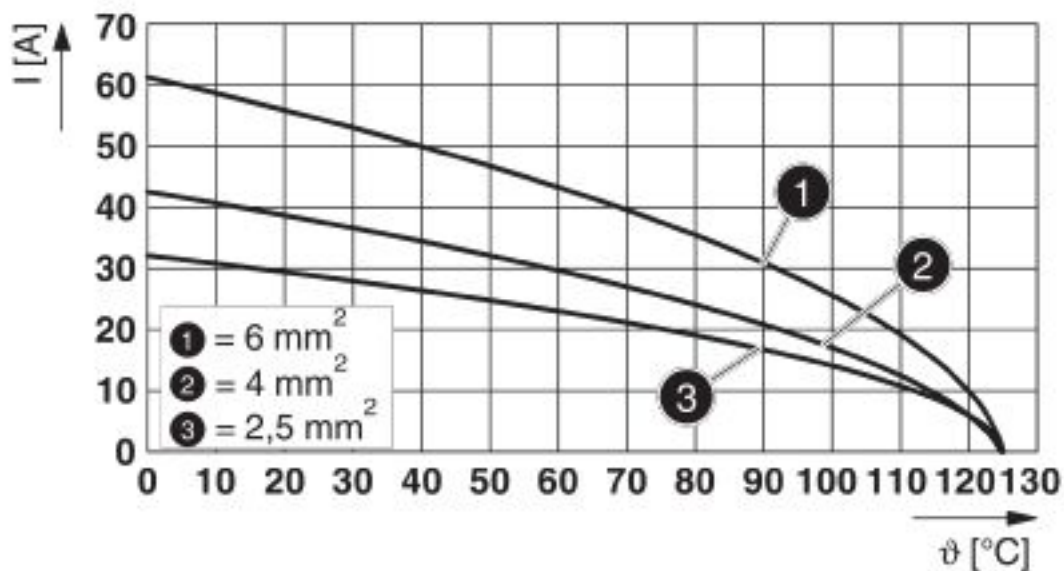
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Schematic diagram



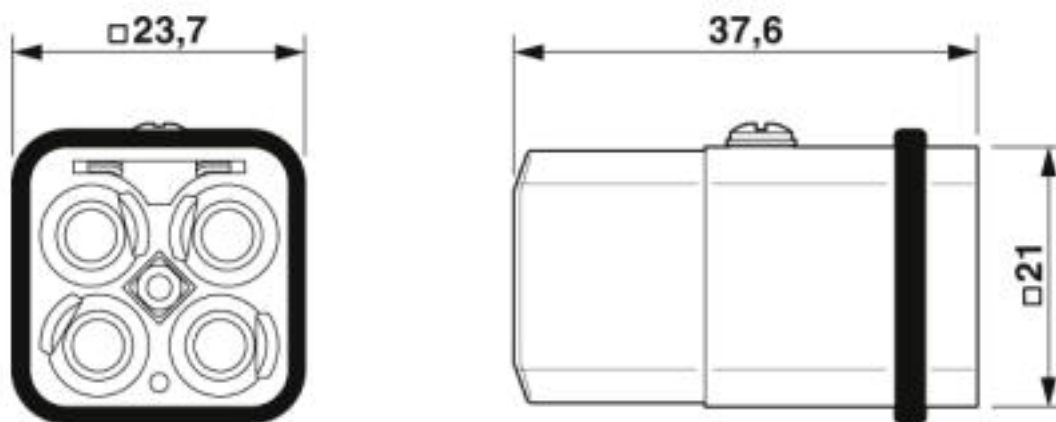
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Diagram



Derating diagram

Dimensional drawing



Male insert

### Classifications

eCl@ss

eCl@ss 4.0	27140800
eCl@ss 4.1	27140800
eCl@ss 5.0	27143400
eCl@ss 5.1	27261200
eCl@ss 6.0	27261200
eCl@ss 7.0	27440205

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## Classifications

### eCl@ss

eCl@ss 8.0	27440205
eCl@ss 9.0	27440205

### ETIM

ETIM 5.0	EC000438
ETIM 6.0	EC000438
ETIM 7.0	EC000438

### UNSPSC

UNSPSC 13.2	39121522
UNSPSC 18.0	39121522
UNSPSC 19.0	39121522
UNSPSC 20.0	39121522
UNSPSC 21.0	39121522

## Approvals

### Approvals

#### Approvals


EAC / EAC / UL Recognized

#### Ex Approvals

### Approval details

EAC		RU C- DE.AI30.B.01102
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EAC		RU C- DE.BL08.B.00511
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UL Recognized		<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a>	E118976
Nominal voltage UN	600 V		
Nominal current IN	50 A		

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### Approvals

mm²/AWG/kcmil	8

### Accessories

#### Accessories

#### Coding element

Coding profile - HC-MOD-K-CP - 1408562

Coding profile for HC-MOD-K... housing



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### Crimp contact

Crimp contact - CK4,0-ED-1,50ST AG - 1663239



Turned 4.0 crimp contact, individual male contact, core diameter 1.5 mm², silver-plated

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Crimp contact - CK4,0-ED-2,50ST AG - 1663242



Turned 4.0 crimp contact, individual male contact, core diameter 2.50 mm², silver-plated

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Crimp contact - CK4,0-ED-4,00ST AG - 1663255



Turned 4.0 crimp contact, individual male contact, core diameter 4.00 mm², silver-plated

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### Accessories

Crimp contact - CK4,0-ED-6,00ST AG - 1663268



Turned 4.0 crimp contact, individual male contact, core diameter 6.00 mm<sup>2</sup>, silver-plated

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Crimp contact - CK4,0-ED-10,00ST AG - 1586198



Turned 4.0 crimp contact, single male contact, 10 mm<sup>2</sup> conductor cross section, silver-plated

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### Crimping tool

Crimping pliers - CRIMPFOX-TC 4 - 1212113



Crimping pliers, for CK 1,6-ED..., CK 2,5-ED..., CK 4,0-ED... turned contacts, 4 marked die stations, unlockable pressure lock, lateral entry, incl. positioning tool

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Crimping pliers - CRIMPFOX-TC 10 - 1212114



Crimping pliers, for turned contacts with a pin diameter of 4.0 mm, two marked die stations, pressure lock can be released, lateral entry, incl. positioning help

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### Mounting material

Sealing screw - HC-D 7-DS-IP65 - 1686229



Sealing screw, size: Countersunk head, IP67, replacement part for D7 size HEAVYCON housing

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### Seal

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### Accessories

Profile gasket - HC-D07-SP-RBK - 1419622



Profile gasket, type: D7, for pin inserts

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### Additional products

Contact insert - HC-Q04-I-CT-F - 1419899



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