

# Contact insert - HC-A 4-I-UT-M - 1585236

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Contact insert, number of positions: 4+PE, size: D7, number of connections per position: 1, Pin, Screw connection, 230/400 V, 24 A, 0.5 mm<sup>2</sup> ... 2.5 mm<sup>2</sup>

## Product Description

Contact insert without wire protection, with IP65 sealing screw

## Key Commercial Data

Packing unit	1 pc
GTIN	4 046356 284967
GTIN	4046356284967
Weight per Piece (excluding packing)	14.300 g
Custom tariff number	85366990
Country of origin	China

## Technical data

### General

Note	for housing HC-D7
	Connectors may be operated only when there is no load/voltage.
Connection method	Screw connection
Tightening torque	0.25 Nm ... 0.5 Nm
Screwdriver blade	0.4 x 2.5 mm
Number of connections per position	1
Degree of pollution	3
Overvoltage category	III
Number of positions	4+PE
Insertion/withdrawal cycles	≥ 500
Size	D7
Contact numbering	1 - 4

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## Technical data

### General

Conductor cross section	0.5 mm <sup>2</sup> ... 2.5 mm <sup>2</sup>
Connection cross section AWG	20 ... 14
Stripping length of the individual wire	5 mm
Assembly instructions	To ensure correct use, installation in housing with IP54 protection or better is required
Connection	Already includes one IP65 sealing screw

### Ambient conditions

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

Contact material	Copper alloy
Contact surface material	Ag
Contact carrier material	PC
Standards/regulations	PC: Fire protection in rail vehicles - requirement sets R22, R23, and R24 acc. to DIN EN 45545-2 (Risk level HL1 - HL3)

### Electrical characteristics

Rated voltage for power contacts	230/400 V
Rated voltage (III/3)	230 V (Conductor-PE)
	400 V (Conductor-Conductor)
Rated surge voltage	4 kV
	4 kV
Rated current	24 A

### Standards and Regulations

Constructional and testing regulations	IEC 61984:2008
	IEC 60664-1:2007
	IEC 60664-1, DIN IEC 60512
Flammability rating according to UL 94	V0

### Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

## Drawings

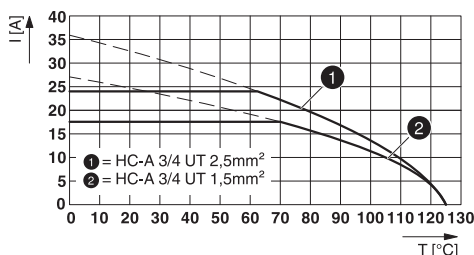
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Schematic diagram



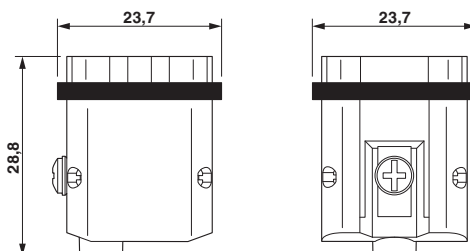
Connector pin assignment connection side: Left pin; right socket

Diagram



Derating diagram

Dimensional drawing



Male insert

## Classifications

eCl@ss

eCl@ss 4.0	272607xx
eCl@ss 4.1	27260701
eCl@ss 5.0	27143424
eCl@ss 5.1	27261200
eCl@ss 6.0	27261200
eCl@ss 7.0	27440205
eCl@ss 8.0	27440205
eCl@ss 9.0	27440205

ETIM

ETIM 4.0	EC000438
ETIM 5.0	EC000438
ETIM 6.0	EC000438

UNSPSC

UNSPSC 6.01	30211923
UNSPSC 7.0901	39121522
UNSPSC 11	39121522
UNSPSC 12.01	39121522
UNSPSC 13.2	39121522

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## Approvals

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#### Approvals


CSA / GL / UL Recognized / EAC

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#### Ex Approvals

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### Approval details

CSA		<a href="http://www.csagroup.org/services-industries/product-listing/">http://www.csagroup.org/services-industries/product-listing/</a>	13631
Nominal voltage UN		600 V	
Nominal current IN		18 A	
mm <sup>2</sup> /AWG/kcmil		14	

GL		<a href="http://exchange.dnv.com/tari/">http://exchange.dnv.com/tari/</a>	6196614 HH
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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		24 A	
mm <sup>2</sup> /AWG/kcmil		14	

EAC		RU C-DE.AI30.B.01102	
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## Accessories

### Accessories

### Coding element

## Contact insert - HC-A 4-I-UT-M - 1585236

### Accessories

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

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



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### Seal

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

Profile gasket, type: D7, for pin inserts

