

# Contact insert - HC-A04-I-PT-M - 1585278

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Contact insert, number of positions: 4+PE, size: D7, number of connections per position: 1, Pin, Push-in connection, 230/400 V, 10 A, 0.14 mm<sup>2</sup> ... 1.5 mm<sup>2</sup>



## Key Commercial Data

Packing unit	1 STK
GTIN	
GTIN	4046356285001

## Technical data

### General

Note	for housing HC-D7
Connection method	Push-in connection
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
Conductor cross section	0.14 mm <sup>2</sup> ... 1.5 mm <sup>2</sup> (with ferrule)
Connection cross section AWG	26 ... 16 (with ferrule)
Stripping length of the individual wire	10 mm
Assembly instructions	Connectors may be operated only when there is no load/voltage.

### Ambient conditions

Ambient temperature (operation)	-40 °C ... 125 °C
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### Material data

Contact surface material	Ag
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## Technical data

### Material data

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
Rated current	10 A

### Standards and Regulations

Flammability rating according to UL 94	V0
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### Environmental Product Compliance

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

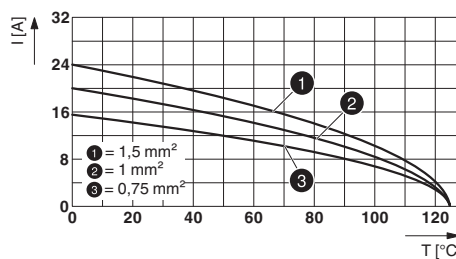
## Drawings

Schematic diagram



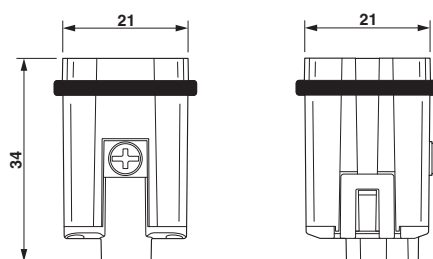
Connector pin assignment connection side: Left pin; right socket

Diagram



Derating diagram

Dimensional drawing



Male insert

## Approvals

Approvals

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## Approvals

Approvals

EAC / CSA / UL Recognized

Ex Approvals

### Approval details

EAC		EAC-Zulassung
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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		14 A	
mm <sup>2</sup> /AWG/kcmil		16	

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		16 A	
mm <sup>2</sup> /AWG/kcmil		16	

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