

Contact insert - HC-B24-I-TPT-F - 1423022

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Contact insert, number of positions: 24+PE, size: B24, number of connections per position: 2, Socket, Push-in connection, 500 V, 10 A, 0.14 mm² ... 1.5 mm², application: Power

Why buy this product

- ✓ For fast coding with plastic profile
- ✓ Conductor connection without tools
- ✓ Significant time savings during conductor connection

RoHS

Key Commercial Data

Packing unit	1 STK
GTIN	
GTIN	4055626322759

Technical data

General

Note	For HEAVYCON housing B24 and B48
Connection method	Push-in connection
Number of connections per position	2
Degree of pollution	3
Overvoltage category	III
Number of positions	24+PE
Insertion/withdrawal cycles	≥ 500
Size	B24
Contact numbering	1 - 24
Conductor cross section	0.14 mm ² ... 1.5 mm ² (with ferrule)
Connection cross section AWG	26 ... 16 (with ferrule)
Stripping length of the individual wire	8 mm ±1 mm
Assembly instructions	Coding also using the CP-HC (1686478) coding profiles. HC-B6../ HC-B10..for two coding profiles. HC-B16../ HC-B24..for four coding profiles.

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Technical data

General

Connection	Connectors may only be actuated when there is no load/voltage.
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Ambient conditions

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

Contact material	Copper alloy
Contact surface material	Ag
Contact carrier material	PC

Electrical characteristics

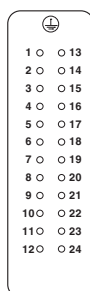
Rated voltage (III/3)	500 V
Rated surge voltage	6 kV
Rated current	10 A

Standards and Regulations

Constructional and testing regulations	DIN EN 61984
	DIN EN 60664
	IEC 60352
Flammability rating according to UL 94	V0

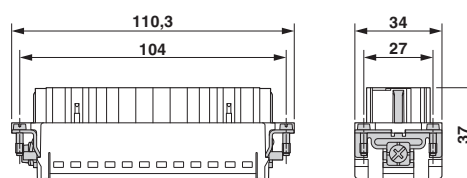
Drawings

Schematic diagram

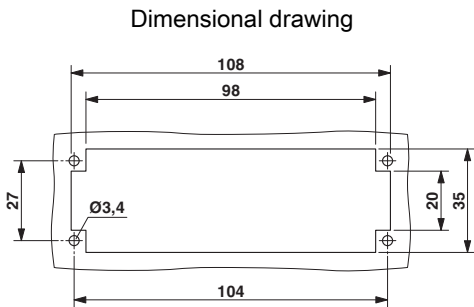


Connector pin assignment, connection side

Dimensional drawing



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Mounting cutout when used without housing

Approvals

Approvals

Approvals

EAC / CSA / UL Recognized

Ex Approvals

Approval details

EAC		EAC-Zulassung
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CSA		http://www.csagroup.org/services-industries/product-listing/	13631
mm²/AWG/kcmil		16	
Nominal current I _N		10 A	
Nominal voltage U _N		600 V	

UL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	E118976
mm²/AWG/kcmil		16	
Nominal current I _N		13 A	
Nominal voltage U _N		600 V	

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PHOENIX CONTACT GmbH & Co. KG
Flachsmarktstr. 8
32825 Blomberg
Germany
Tel. +49 5235 300
Fax +49 5235 3 41200
<http://www.phoenixcontact.com>