

Contact insert - HC-B16-I-TPT-F - 1423020

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Contact insert, Size: B16, Number of positions: 16+PE, Female connector, Push-in connection, Number of connections per position: 2, 500 V, 10 A, 0.14 mm² ... 1.5 mm², Application: Power

Why buy this product

- For fast coding with plastic profile
- Significant time savings during conductor connection

Key Commercial Data

Packing unit	1 STK
GTIN	 4 055626 322735
GTIN	4055626322735

Technical data

General

Note	For HEAVYCON housing B16 and B32
Connection method	Push-in connection
Degree of pollution	3
Overvoltage category	III
Number of positions	16+PE
Insertion/withdrawal cycles	≥ 500
Size	B16
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.
Connection	Connectors may only be actuated when there is no load/voltage.

Ambient conditions

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Technical data

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

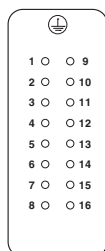
Rated voltage (III/3)	500 V
Rated surge voltage	6 kV
Rated current	10 A

Standards and Regulations

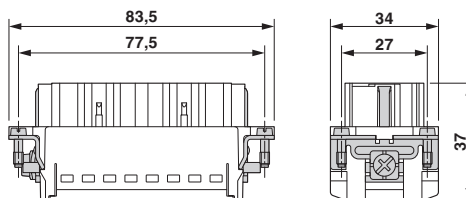
Constructional and testing regulations	DIN EN 61984
	DIN EN 60664
	IEC 60352
Flammability rating according to UL 94	V0

Drawings

Schematic diagram

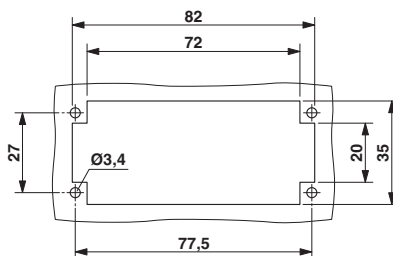


Dimensional drawing



Connector pin assignment, connection side

Dimensional drawing



Mounting cutout when used without housing

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Approvals


Approvals


Approvals


EAC / CSA / UL Recognized

Ex Approvals

Approval details

EAC		EAC-Zulassung
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CSA		http://www.csagroup.org/services/testing-and-certification/certified-product-listing/	13631
mm ² /AWG/kcmil		16	
Nominal current I _N		11 A	
Nominal voltage U _N		600 V	

UL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	E118976
mm ² /AWG/kcmil		16	
Nominal current I _N		14 A	
Nominal voltage U _N		600 V	

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