

Contact insert - HC-B 16-I-UT-F-32 - 1584884

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HEAVYCON female insert, B16 series, 16-pos., 17 ... 32 printed, screw connection

Why buy this product

- ✓ For fast coding with plastic profile
- ✓ For test pin 2 mm

RoHS

Key Commercial Data

Packing unit	1 STK
GTIN	 4 046356 156097
GTIN	4046356156097
Weight per Piece (excluding packing)	100.000 g
Custom tariff number	85366990
Country of origin	China

Technical data

General

Note	For HEAVYCON-ADVANCE of B16 type and HEAVYCON housing of B16/ B32 type Plug-in connections may only be operated only when there is no load/voltage.
Connection method	Screw connection
Tightening torque	0.5 Nm ... 0.8 Nm
Screwdriver blade	0.5 x 3.5 mm
Degree of pollution	3
Overvoltage category	III

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Technical data

General

Number of positions	16+PE
Insertion/withdrawal cycles	≥ 500
Size	B16
Conductor cross section	0.5 mm² ... 2.5 mm² (Applies to stranded conductors with ferrules)
Connection cross section AWG	20 ... 14
Stripping length of the individual wire	8 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

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

Electrical characteristics

Rated voltage (III/3)	500 V
Rated surge voltage	6 kV
Rated current	20 A

Standards and Regulations

Connection in acc. with standard	IEC / EN
	CSA
Constructional and testing regulations	DIN EN 61984
	DIN EN 60664
	IEC 60352
Flammability rating according to UL 94	V0

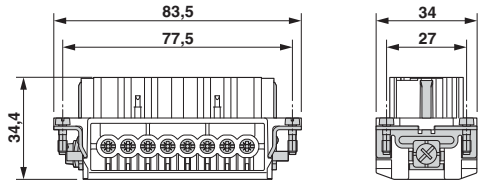
Environmental Product Compliance

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

Drawings

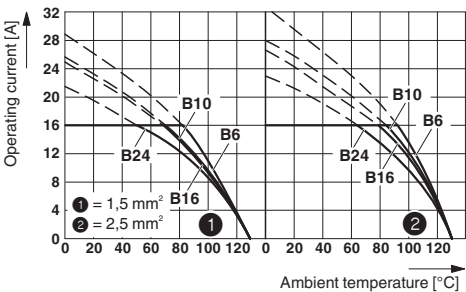
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Dimensional drawing



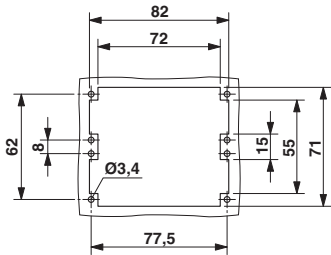
Female insert

Diagram



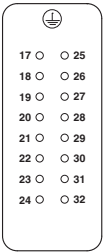
Derating diagram

Dimensional drawing



Mounting cutout when used without housing

Schematic diagram



Connector pin assignment, connection side

Approvals

Approvals

Approvals

GL / CSA / UL Recognized / EAC


Ex Approvals


Approval details

GL		http://exchange.dnv.com/tari/	6196614 HH
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Approvals

CSA		http://www.csagroup.org/services/testing-and-certification/certified-product-listing/	013631_6233_01
mm²/AWG/kcmil		22-14	
Nominal current I _N		13 A	
Nominal voltage U _N		600 V	

UL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 118976
mm²/AWG/kcmil		14	
Nominal current I _N		16 A	
Nominal voltage U _N		600 V	

EAC		EAC-Zulassung
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