

Contact insert - HC-B 24-I-UT-F - 1648306

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HEAVYCON female insert, B24 series, 24-pos., screw connection

Why buy this product

- ✓ For fast coding with plastic profile



Key commercial data

Packing unit	10 pc
GTIN	 4 046356 092432
Weight per Piece (excluding packing)	129.8 g
Custom tariff number	85366990
Country of origin	China

Technical data

General

Note	For HEAVYCON ADVANCE and HEAVYCON housing of B24 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
Pollution degree	3
Surge voltage category	III
Constructional and testing regulations	DIN EN 61984
	DIN EN 60664
	IEC 60352
Number of positions	24+PE
Insertion/withdrawal cycles	≥ 500
Type	B24
Connection in acc. with standard	IEC / EN

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Technical data

General

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

Inflammability class according to UL 94	V0
Contact material	Copper alloy
Contact surface material	Ag
Contact carrier material	PA

Electrical characteristics

Rated voltage (III/3)	500 V
Rated surge voltage	6 kV
Rated current	16 A

Classifications

eCl@ss

eCl@ss 4.0	272607xx
eCl@ss 4.1	27260701
eCl@ss 5.0	27143424
eCl@ss 5.1	27143424
eCl@ss 6.0	27143424
eCl@ss 7.0	27440209
eCl@ss 8.0	27440205

ETIM

ETIM 3.0	EC000438
ETIM 4.0	EC000438
ETIM 5.0	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

Approvals

Approvals

CSA / UL Recognized / cUL Recognized / EAC / cULus Recognized

Ex Approvals

Approvals submitted

Approval details

CSA 	
mm²/AWG/kcmil	22-14
Nominal current I _N	13 A
Nominal voltage U _N	600 V

UL Recognized 	
mm²/AWG/kcmil	22-14
Nominal current I _N	13 A
Nominal voltage U _N	600 V

cUL Recognized 	
mm²/AWG/kcmil	22-14
Nominal current I _N	13 A
Nominal voltage U _N	600 V

EAC

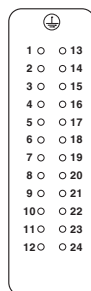
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Approvals

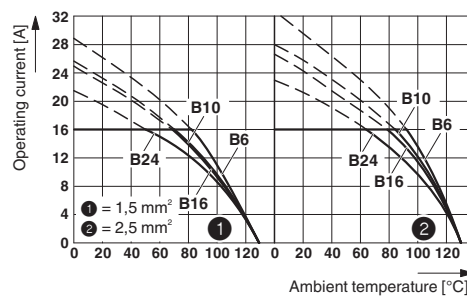
cULus Recognized 

Drawings

Schematic diagram



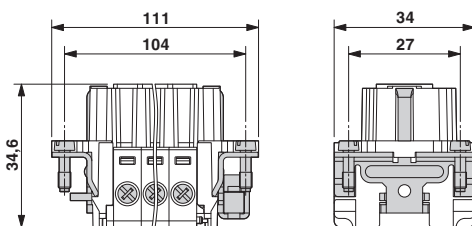
Diagram



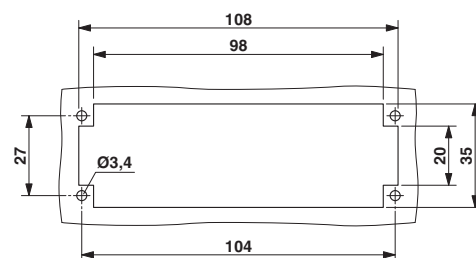
Connector pin assignment, connection side

Derating diagram

Dimensioned drawing



Dimensioned drawing



Female insert

Mounting cutout when used without housing