

Contact insert - HC-B 24-I-PT-F-48 - 1407737

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HEAVYCON socket insert, B24 series, 24 + PE-pos., pos. marking 25-48, push-in connection

Product Features

- ✓ For fast coding with plastic profile
- ✓ Conductor connection without tools
- ✓ Significant time savings during conductor connection
- ✓ Test connection for 2 mm test plug
- ✓



Key commercial data

Packing unit	1 pc
Weight per Piece (excluding packing)	150.0 GRM
Custom tariff number	85366990
Country of origin	China

Technical data

General

Connection method	Push-in connection
Pollution degree	3
Surge voltage category	III
Number of positions	24+PE
Insertion/withdrawal cycles	≥ 500
Type	B24
Conductor cross section	0.14 mm² ... 2.5 mm²
Connection cross section AWG	26 ... 14
Stripping length	8 mm ... 10 mm

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Technical data

General

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 operated when there is no load/the power is switched off. Can be used for solid wires and stranded wires with ferrule.

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/Sn (tarnish protection)
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

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Classifications

UNSPSC

UNSPSC 13.2	39121522
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Approvals

Approvals

Approvals

CSA / UL Recognized / EAC

Ex Approvals

Approvals submitted

Approval details

CSA 	
mm²/AWG/kcmil	14
Nominal current I _N	10 A
Nominal voltage U _N	600 V

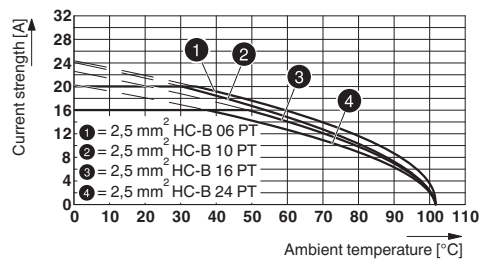
UL Recognized 	
mm²/AWG/kcmil	14
Nominal current I _N	13 A
Nominal voltage U _N	600 V

EAC

Drawings

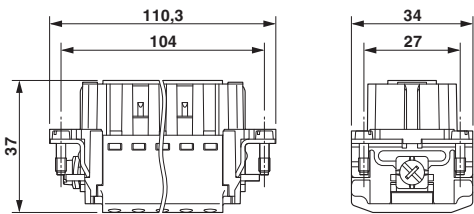
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Diagram



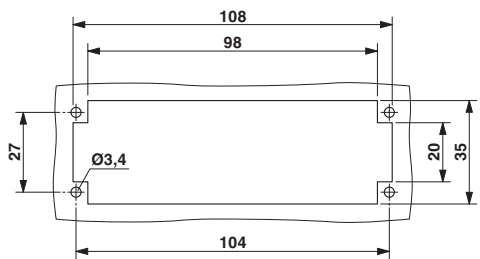
Derating diagram for 2.5 mm²

Dimensional drawing



Dimensional drawing

Dimensional drawing



Mounting cutout when used without housing

Schematic diagram

25	○	37
26	○	38
27	○	39
28	○	40
29	○	41
30	○	42
31	○	43
32	○	44
33	○	45
34	○	46
35	○	47
36	○	48

Connector pin assignment, connection side