

Contact insert - HC-B24-I-TPT-M-48 - 1423827

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Contact insert, number of positions: 24+PE, size: B24, power contacts: 24, control contacts: 0, number of connections per position: 2, Pin, Push-in connection, 500 V, 10 A, 0.25 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	 4 055626 356259
GTIN	4055626356259
Weight per Piece (excluding packing)	100.000 g
Custom tariff number	85366990
Country of origin	China

Technical data

General

Connection method	Push-in connection
Number of connections per position	2
Degree of pollution	3
Overvoltage category	III
Number of positions	24+PE
No. of power contacts	24
No. of control contacts	0

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Technical data

General

Insertion/withdrawal cycles	500
Size	B24
Contact numbering	25 - 48
Conductor cross section	0.25 mm² ... 1.5 mm² (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

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

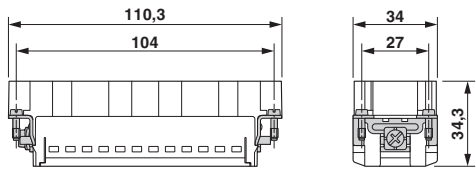
Environmental Product Compliance

China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

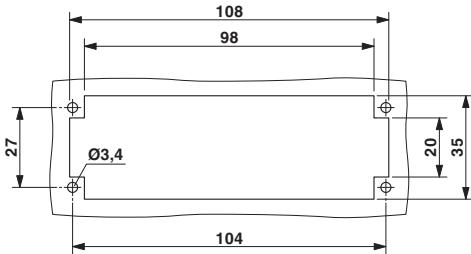
Drawings

Contact insert - HC-B24-I-TPT-M-48 - 1423827

Dimensional drawing



Dimensional drawing



Mounting cutout when used without housing

Classifications

eCl@ss

eCl@ss 7.0	27440205
eCl@ss 8.0	27440205
eCl@ss 9.0	27440205

ETIM

ETIM 5.0	EC000438
ETIM 6.0	EC000438

Approvals

Approvals

Approvals

EAC / CSA / UL Recognized

Ex Approvals

Approval details

EAC		EAC-Zulassung
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Approvals

CSA		http://www.csagroup.org/services-industries/product-listing/	13631
Nominal voltage UN		600 V	
Nominal current IN		10 A	
mm²/AWG/kcmil		16	

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

Accessories

Accessories

Coding element

Coding profile - CP-HC - 1686478



Coding profile, 4 coding profiles per strip, for insertion in coding keyways

Coding element - HC-CBU - 1676860



Coding socket for coding up to 16 connectors

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Accessories

Coding bolt - HC-CB - 1772722



Coding pin, prevents mismating of up to six connectors with an identical number of positions

Coding element - HC-CST - 1676857



Coding peg for coding up to 16 connectors

Crimping tool

Crimping pliers - CRIMPFOX CENTRUS 6S - 1213144



DIN rail mounting frame

DIN rail mounting frame - HC-SMR-B24 - 1687985



HEAVYCON DIN rail mounting frame, for contact inserts of type B24

Docking frame

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Accessories

Docking frames - HC-B 24-ANDOCK - 1586141



Docking frame for racks, for contact inserts of B24 type, with four M5 flat headed screws, rack balance x/y axis +/- 1.5 mm

Mounting material

Screw - HC-B-PES - 1604997



PE screw, for contact inserts HC-B / HC-BB / HC-DD / HC-D40 / HC-D64

PE multiplier - HC-B-3PE - 1644326



PE multiplier, for three PE connections, for HC-B (besides HC-B..E..ZZ) / HC-BB / HC-DD / HC-D40 / HC-D64 contact inserts

Strain relief clamp - HC-B-ZG - 1685327



Strain relief clamps contact inserts of series: B-, BB-, D 40, D 64, DD and HV, straight cable exit

Strain relief clamp - HC-B-ZS - 1685330



Strain relief clamps contact inserts of series: B-, BB-, D 40, D 64, DD and HV, lateral cable exit

