Contact insert - HC-B 10-I-UT-F - 1648186

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HEAVYCON female insert, B10 series, 10-pos., screw connection

Product Features

- For fast coding with plastic profile

Key Commercial Data

Packing unit	1 pc
Weight per Piece (excluding packing)	70.2 g
Custom tariff number	85366990
Country of origin	China

Technical data

General

Note	For HEAVYCON ADVANCE and HEAVYCON housing of B10 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
Constructional and testing regulations	DIN EN 61984
	DIN EN 60664
	IEC 60352
Number of positions	10+PE
Insertion/withdrawal cycles	≥ 500
Size	B10
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	For housings of type B10. 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)

Material data

Flammability rating according to UL 94	V0
Contact material	Copper alloy
Contact surface material	Ag
Contact carrier material	PA
Standards/regulations	PA: Fire protection in rail vehicles - requirement sets R22 and R23 acc. to DIN EN 45545-2 (Risk level HL1 - HL2)
	PA: Fire protection in rail vehicles - requirement set R24 acc. to DIN EN 45545-2 (Risk level HL1 - HL3)

Electrical characteristics

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

Classifications

eCl@ss

eCl@ss 4.0	272607xx
eCl@ss 4.1	27260701
eCl@ss 5.0	27143424
eCl@ss 5.1	27143424

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Classifications

eCl@ss

eCl@ss 6.0	27143424
eCl@ss 7.0	27440209
eCl@ss 8.0	27440205
eCl@ss 9.0	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

Approvals

Approvals

Approvals

GL

Ex Approvals

Approvals submitted

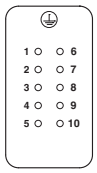
Approval details

GL

Drawings

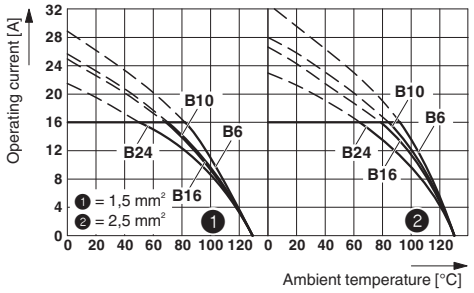
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Schematic diagram



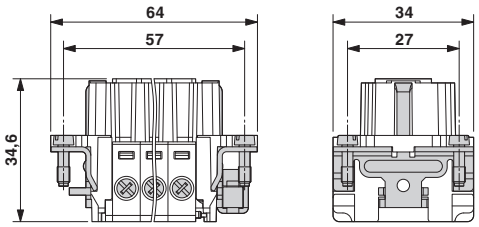
Connector pin assignment, connection side

Diagram



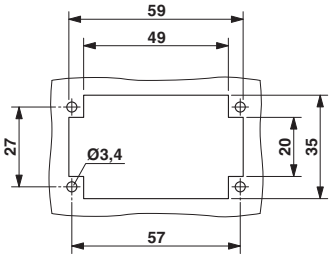
Derating diagram

Dimensional drawing



Female insert

Dimensional drawing



Mounting cutout when used without housing

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