

# Contact insert - HC-B 6-ESTQ-2,5-OLOGO - 1605616

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Male insert, 6-pos., QUICKON connection, marking 1-x



## Key Commercial Data

Packing unit	10 pc
GTIN	
GTIN	4017918940829

## Technical data

### General

Note	For HEAVYCON ADVANCE and HEAVYCON housing of B6 type. Coding using the CP-HC (1686478) coding profile. HC-B6.../ HC-B10... for two coding profiles. HC-B16.../ HC-B24... for 4 coding profiles. Connectors may be operated only when there is no load/voltage.
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Connection technology	QUICKON connection
Connection method	QUICKON connection
Degree of pollution	3
Overvoltage category	III
Size	B
Conductor cross section flexible min.	1 mm <sup>2</sup>
Conductor cross section flexible max.	2.5 mm <sup>2</sup>
Conductor cross section AWG min.	17
Conductor cross section AWG max.	13
Conductor cross section	0.34 mm <sup>2</sup> ... 2.5 mm <sup>2</sup> (Litz wire structure VDE 0295, Class 1 - 5/litz wire diameter >= 0.2 mm)
Connection cross section AWG	22 ... 14
Wire diameter including insulation	1 mm ... 3.5 mm

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### General

Frequency of connections between conductors of the same cross section	10
Assembly instructions	To ensure correct use, installation in housing with IP54 protection or better is required

### Ambient conditions

Ambient temperature (operation)	-40 °C ... 125 °C
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### Electrical characteristics

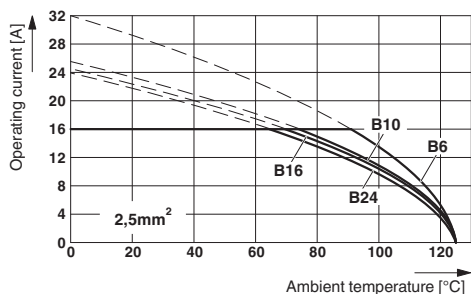
Rated voltage (III/3)	500 V
Rated surge voltage	6 kV
	6 kV
Rated current	16 A
	16 A

### Standards and Regulations

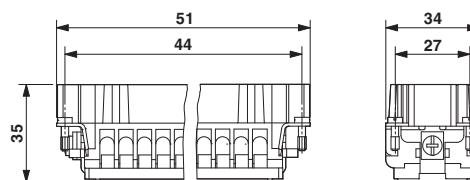
Flammability rating according to UL 94	V0
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## Drawings

Diagram



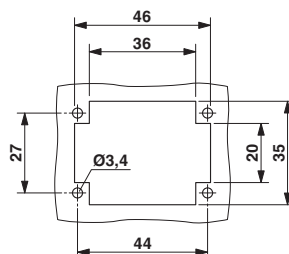
Dimensional drawing



Male insert

The figure shows the derating diagram of various series B contact inserts (B6 to B24), conductor cross section 2.5 mm<sup>2</sup>

Dimensional drawing



Mounting cutout when used without housing

## Contact insert - HC-B 6-ESTQ-2,5-OLOGO - 1605616

### Approvals

Approvals

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Approvals


EAC

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Ex Approvals

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### Approval details

EAC		RU C- DE.AI30.B.01102
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