Contact insert - HC-QA-B 24-BU/PER - 1678907

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The illustration shows version HC-QA-B 16-BU/PER

HEAVYCON terminal adapter female insert, B24 series, 24-pos., protective conductor connection on the right for the left side of the control cabinet, QUICKON connection; contact inserts with screw, crimp, Push-in and QUICKON connection can be used as mating connectors.

Key commercial data

Packing unit	1 PCE
Weight per Piece (excluding packing)	253.95 GRM
Custom tariff number	85366990
Country of origin	Germany

Technical data

Dimensions

Terminal adapter width	85.7 mm
Height	34 mm

Ambient conditions

Ambient temperature (operation)	-40 °C ... 125 °C

Electrical characteristics

Note	For HEAVYCON ADVANCE panel mounting flange and HEAVYCON panel mounting base of type B24. Contact inserts with screw, crimp, and QUICKON connections can be used as mating connectors. Connectors may be operated only when there is no load/voltage.
Number of positions	24
Connection in acc. with standard	IEC / EN
Rated surge voltage	4 kV
Rated current	16 A

Mechanical characteristics

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Technical data

Mechanical characteristics

Design	B24
Connection method	QUICKON connection
Conductor cross section	0.5 mm² ... 1.5 mm²
Connection cross section AWG	20 ... 16

General

Contact material	Copper alloy
Contact surface material	Ag
Contact carrier material	PA / PC
Pollution degree	3
Surge voltage category	III
Inflammability class according to UL 94	V0
Connection in acc. with standard	IEC / EN
Assembly instructions	Cannot be used for mating connectors with spring-cage and Push-in connections. If the conductor contacts again, it must be cut off above the last contact point.

Classifications

eCl@ss

eCl@ss 4.0	27140816
eCl@ss 4.1	27140816
eCl@ss 5.0	27143424
eCl@ss 5.1	27143424
eCl@ss 6.0	27143424
eCl@ss 7.0	27440209

ETIM

ETIM 2.0	EC000438
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

UL Recognized / cUL Recognized / GOST / cULus Recognized

Ex Approvals

Approvals submitted

Approval details

UL Recognized

mm²/AWG/kcmil	18-14
Nominal current IN	10 A
Nominal voltage UN	600 V

cUL Recognized

mm²/AWG/kcmil	18-14
Nominal current IN	9 A
Nominal voltage UN	600 V

GOST

cULus Recognized

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Accessories

Accessories

Assembly tool

Levering tool - Q-LEVER - 1679728

QUICKON lever tool, with angled head for confined spaces

End block

End clamp - CLIPFIX 35 - 3022218

Quick mounting end clamp for NS 35/7,5 DIN rail or NS 35/15 DIN rail, with marking option, width: 9.5 mm, color: gray

Mounting material

Foot element - HC-KA-FE - 1775240

Foot element, for mounting on DIN rail NS 32, DIN rail NS 35/7.5 or DIN rail NS 35/15, can be inserted between basic and side element

Locking screw barrel - HC-VSH - 1660083

Locking screw barrel, for a firm connection of contact inserts and DIN-rail mountable terminal adapters

Screwdriver tools

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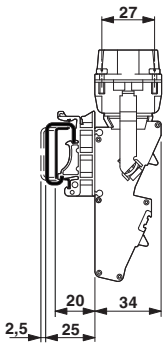
Accessories

Screwdriver - SZF 1-0,6X3,5 - 1204517

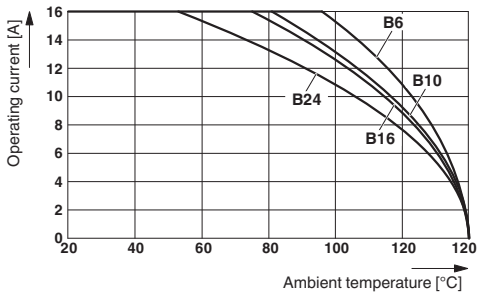
Actuation tool, for ST terminal blocks, also suitable for use as a bladed screwdriver, size: 0.6 x 3.5 x 100 mm, 2-component grip, with non-slip grip

Drawings

Dimensioned drawing



Diagram



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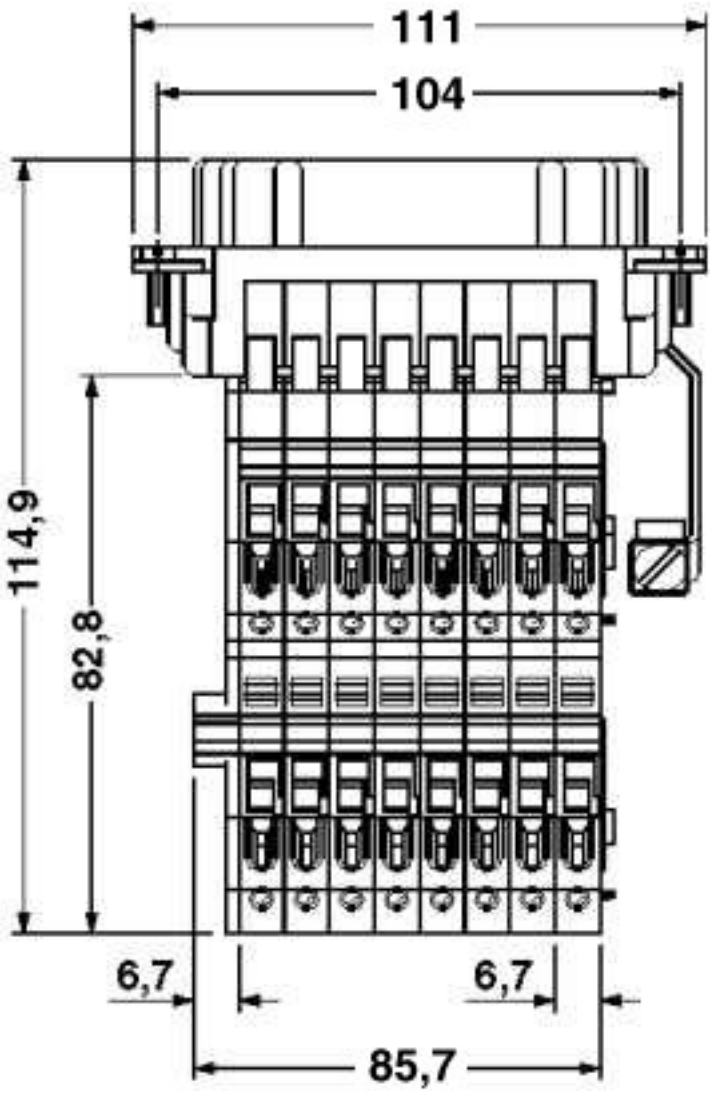
Dimensioned drawing



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