

HC-KA-B 16-BU/PER - Contact insert

1772942

<https://www.phoenixcontact.com/us/products/1772942>



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HEAVYCON terminal adapter female insert, B16 series, 16. pos., protective conductor connection on the right for the left side of the control cabinet, screw connection; contact inserts with screw, crimp, and QUICKON connections usable as mating connectors.

Commercial data

Item number	1772942
Packing unit	1 pc
Note	Made to order (non-returnable)
Sales key	NULL
Product key	BF7ADC
Catalog page	Page 382 (PC-2007)
GTIN	4017918037550
Weight per piece (including packing)	143.86 g
Weight per piece (excluding packing)	143.86 g
Customs tariff number	85369010
Country of origin	DE

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Technical data

Notes

General	For HEAVYCON ADVANCE panel mounting flange and HEAVYCON panel mounting base of type B16. Contact inserts with screw, crimp, and QUICKON connections can be used as mating connectors.
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Product properties

Product type	Terminal adapter
Type	B16
Number of positions	16
Connection profile	16+PE
Type	for the left side of the control cabinet

Insulation characteristics

Overvoltage category	III
Degree of pollution	3

Electrical properties

Rated voltage (III/3)	400 V
Rated surge voltage	6 kV
Rated current	16 A

Connection data

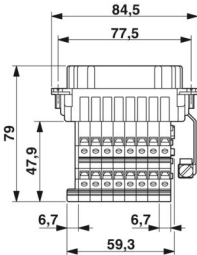
Connection technology

Connection technology	Screw connection
Connection in acc. with standard	IEC / EN

Conductor connection

Conductor cross section	0.2 mm² ... 2.5 mm²
Connection cross section AWG	22 ... 12
Tightening torque	0.5 Nm ... 0.8 Nm
Stripping length of the individual wire	14 mm

Dimensions

Dimensional drawing	
Width	84.5 mm

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Terminal adapter width	59.3 mm
Length	79 mm

Material specifications

Flammability rating according to UL 94	V0
Contact material	Copper alloy
Contact surface material	Ag
Contact carrier material	PA/PC

Cable/line

Stripping length of the individual wire	14 mm
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Mechanical properties

Mechanical data

Insertion/withdrawal cycles	≥ 500
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Environmental and real-life conditions

Ambient conditions

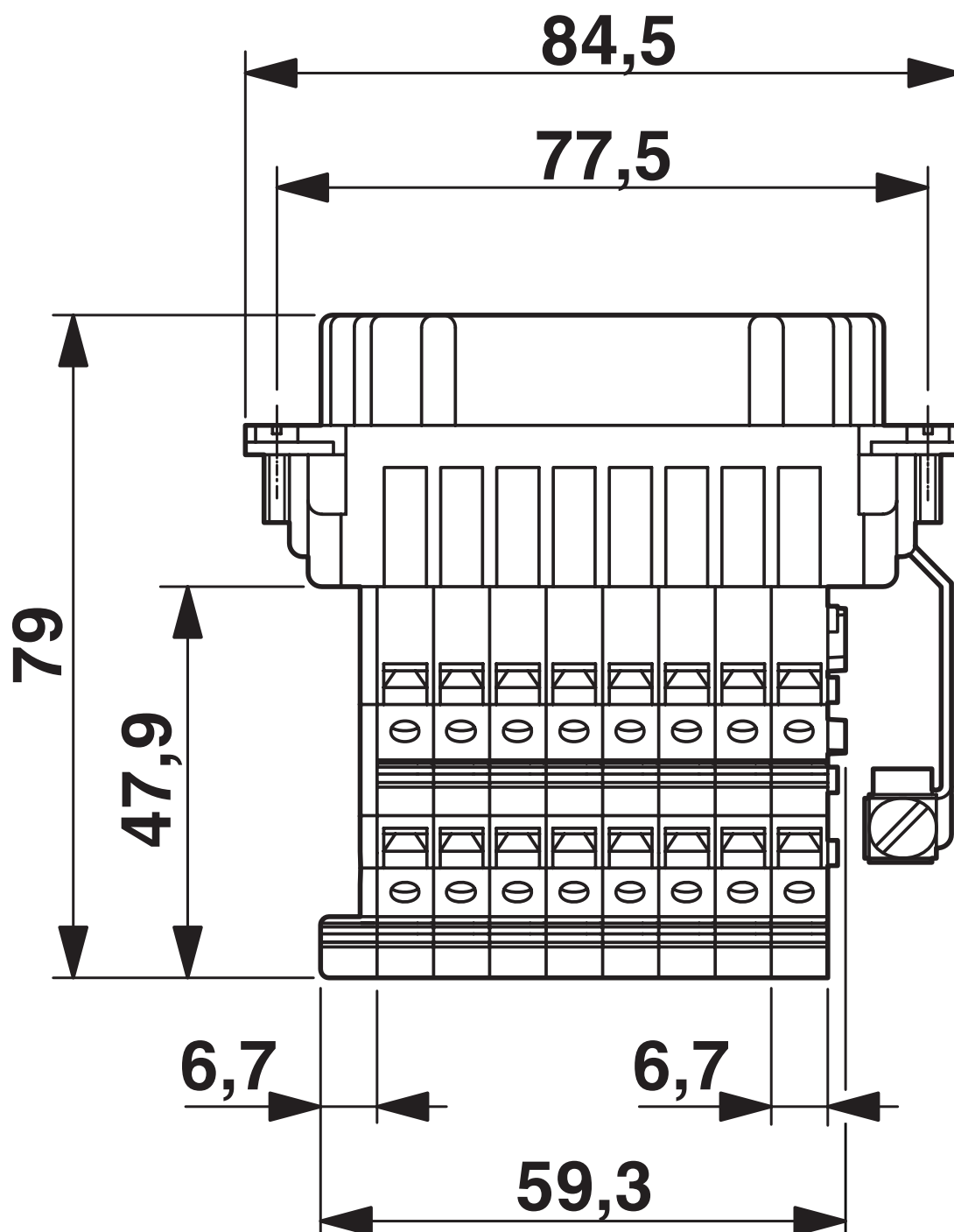
Ambient temperature (operation)	-40 °C ... 125 °C
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Mounting

Assembly note	Connectors may be operated only when there is no load/voltage.
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Drawings

Dimensional drawing



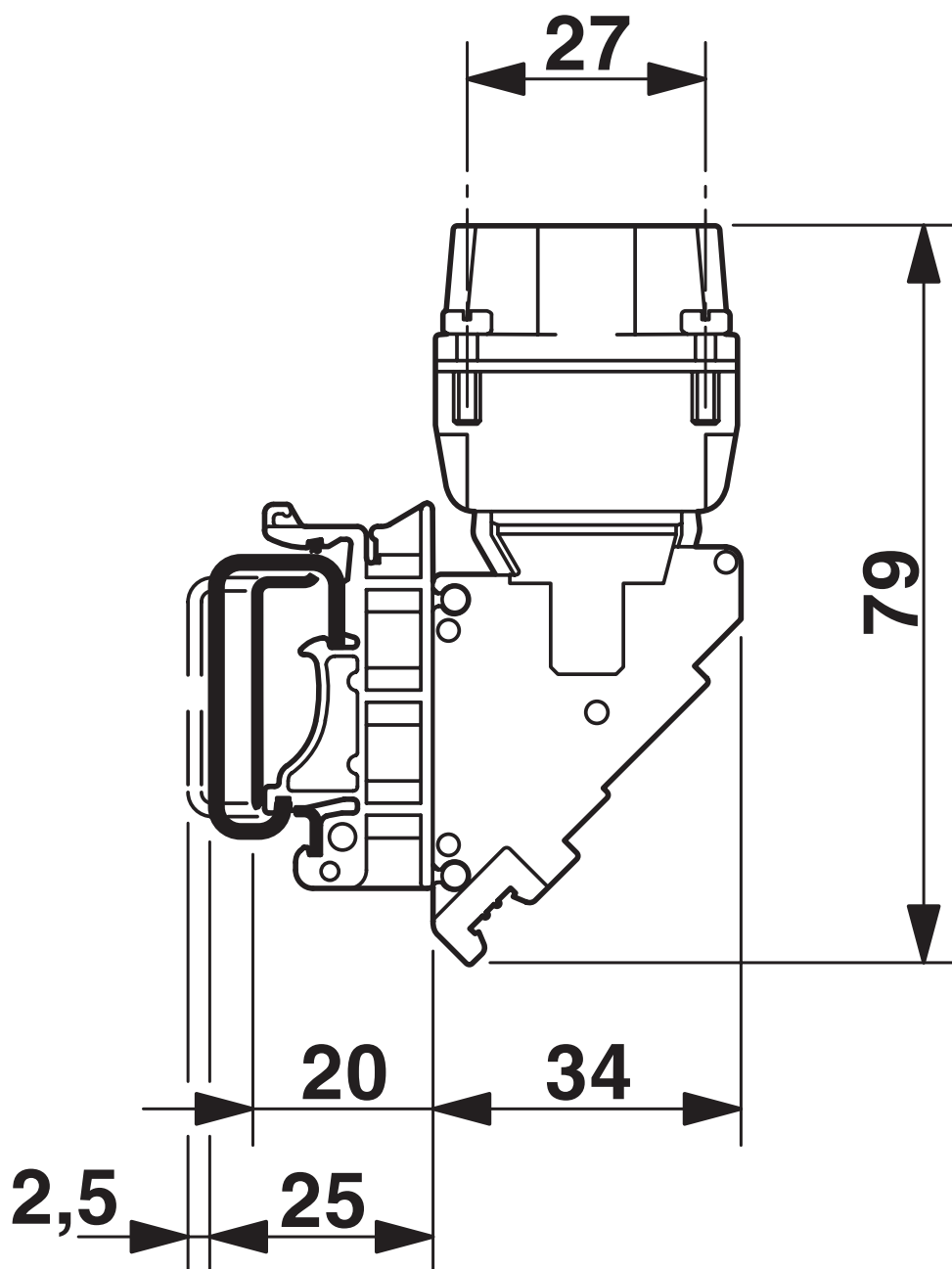
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Dimensional drawing



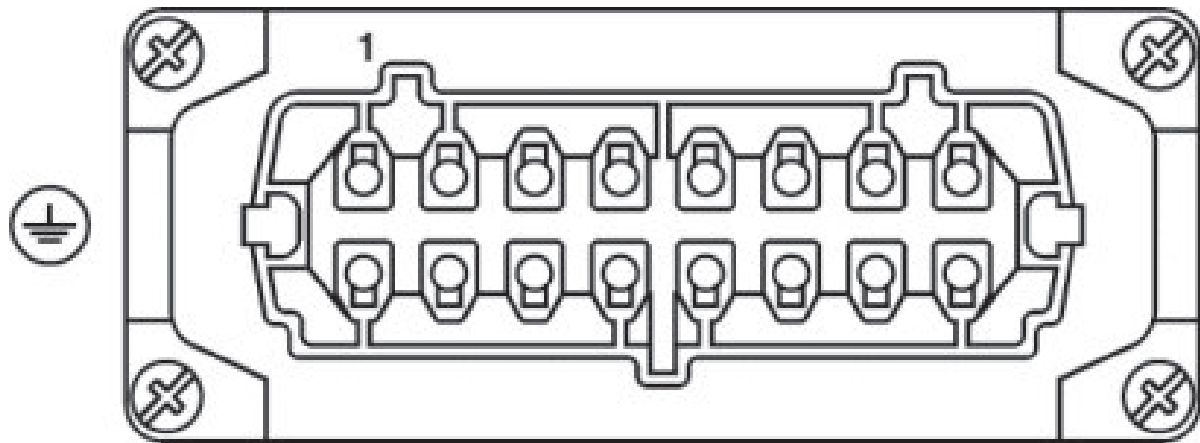
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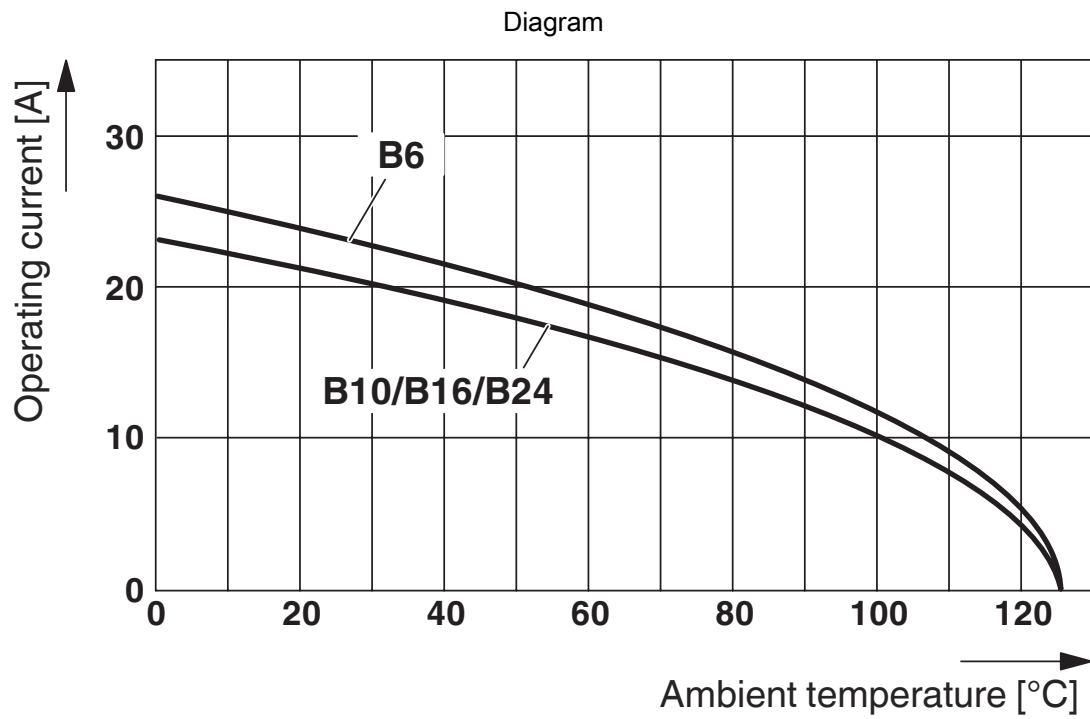
Schematic diagram



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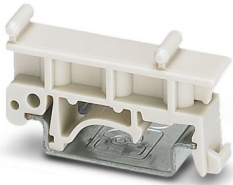
Accessories

HC-KA-FE - Foot element

1775240

<https://www.phoenixcontact.com/us/products/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



HC-VSH - Locking screw barrel

1660083

<https://www.phoenixcontact.com/us/products/1660083>

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



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