

Contact insert - HC-B 16-EBUS 32 - 1775619

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HEAVYCON female insert, B16 series, 16-pos., screw connection, numbering 17 ... 32

The illustration shows version HC-B 16-EBUS

Key Commercial Data

Packing unit	10 STK
GTIN	 4 017918 038199

Technical data

General

Note	For HEAVYCON-ADVANCE housing of B16 type and HEAVYCON housing of B16/B32 type
Connection method	Screw connection
Tightening torque	0.5 Nm
Degree of pollution	3
Overvoltage category	III
Constructional and testing regulations	DIN VDE 0627/86
	DIN VDE 0110/02.79
	DIN VDE 0110-1/04.97
	IEC 60664-1, DIN IEC 60512
	IEC 60352
Number of positions	16+PE
Insertion/withdrawal cycles	≥ 500
Size	B16
Connection in acc. with standard	IEC / EN
Conductor cross section	0.5 mm ² ... 2.5 mm ² (Applies to stranded conductors with ferrules)
	0.5 mm ² ... 4 mm ² (PE screw)
Connection cross section AWG	20 ... 14
	20 ... 12 (PE screw)
Stripping length of the individual wire	7 mm

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Technical data

General

Connection	For housings of type B16/B32. Connectors may only be actuated when there is no load/voltage.
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Ambient conditions

Ambient temperature (operation)	-40 °C ... 125 °C (including heating up of contacts)
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Material data

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

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 VDE 0627/86
	DIN VDE 0110/02.79
	DIN VDE 0110-1/04.97
	IEC 60664-1, DIN IEC 60512
	IEC 60352
Flammability rating according to UL 94	V0

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
eCl@ss 8.0	27440205
eCl@ss 9.0	27440205

ETIM

ETIM 2.0	EC000438
ETIM 3.0	EC000438
ETIM 4.0	EC000438

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Classifications

ETIM

ETIM 5.0	EC000438
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UNSPSC

UNSPSC 6.01	30211923
UNSPSC 7.0901	39121522
UNSPSC 11	39121522
UNSPSC 12.01	39121522
UNSPSC 13.2	39121522

Approvals

Approvals


Approvals

CSA / EAC / EAC

Ex Approvals

Approvals submitted

Approval details

CSA 	
mm ² /AWG/kcmil	20-13
Nominal current IN	16 A
Nominal voltage UN	600 V

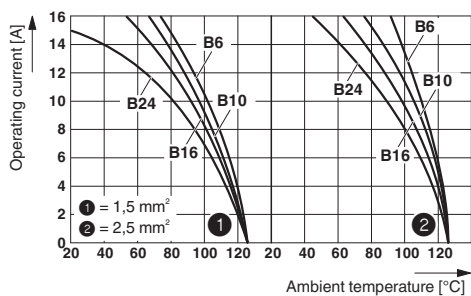
EAC

EAC

Drawings

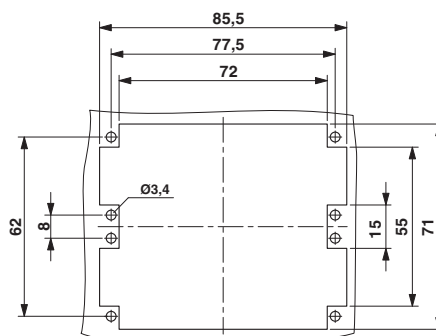
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Diagram



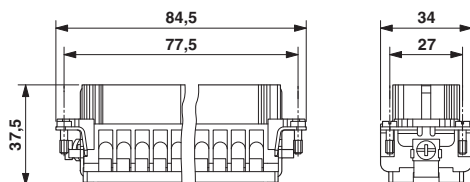
Derating diagram: Series HC-B...S / HC-B...C

Dimensional drawing



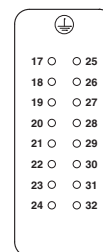
Panel cutout

Dimensional drawing



Female insert

Schematic diagram



Connector pin assignment, connection side