

Contact insert - HC-A 16-ESTC-32 - 1677076


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HEAVYCON male insert, A16 series, 16-pos., crimp connection, numbering from 17-32



Key Commercial Data

Packing unit	10 pc
GTIN	 4 017918 129699
Weight per Piece (excluding packing)	40.89 g
Custom tariff number	85366990
Country of origin	Germany
Note	Made to Order (non-returnable)

Technical data

General

Note	For HC-D25 / HC-D 50 housing, crimp contact CK2,5-ED (crimp contacts not included in scope of supply)
Connection method	Crimp connection
Pollution degree	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
Type	D25
Connection in acc. with standard	IEC / EN
Conductor cross section	0.14 mm ² ... 4 mm ²
Connection cross section AWG	20 ... 12

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Technical data

General

Stripping length of the individual wire	8 mm
Assembly instructions	Connectors may be operated only when there is no load/voltage.

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 (alternatively Au)
Contact carrier material	PA

Electrical characteristics

Rated voltage (III/3)	250 V
Rated surge voltage	4 kV
Rated current	16 A

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

ETIM

ETIM 2.0	EC000438
ETIM 3.0	EC000438
ETIM 4.0	EC000438
ETIM 5.0	EC000438

UNSPSC

UNSPSC 6.01	31251501
UNSPSC 7.0901	39121522
UNSPSC 11	39121522
UNSPSC 12.01	39121522
UNSPSC 13.2	39121522

Approvals

Approvals

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Approvals

Approvals

CSA / UL Recognized / cUL Recognized / UL Recognized / EAC / cULus Recognized

Ex Approvals

Approvals submitted

Approval details

CSA	
mm ² /AWG/kcmil	20-13
Nominal current I _N	10 A
Nominal voltage U _N	600 V

UL Recognized	
Nominal voltage U _N	600 V

cUL Recognized	
Nominal voltage U _N	600 V

UL Recognized	
mm ² /AWG/kcmil	20-13

EAC

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Approvals

cULus Recognized 

Accessories

Accessories

Crimp contact

Crimp contact - CK2,5-ED-0,50ST AG - 1663572



Turned 2.5 crimp contact, individual male contact, core diameter 0.5 mm², silver-plated

Crimp contact - CK2,5-ED-0,75ST AG - 1663585



Turned 2.5 crimp contact, individual male contact, core diameter 0.75 mm², silver-plated

Crimp contact - CK2,5-ED-1,00ST AG - 1663598



Turned 2.5 crimp contact, individual male contact, core diameter 0.75 to 1.00 mm², silver-plated

Crimp contact - CK2,5-ED-1,50ST AG - 1663608



Turned 2.5 crimp contact, individual male contact, core diameter 1.5 mm², silver-plated

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Accessories

Crimp contact - CK2,5-ED-2,50ST AG - 1663611



Turned 2.5 crimp contact, individual male contact, core diameter 2.5 mm², silver-plated

Crimp contact - CK2,5-ED-3,00ST AG - 1663624



Turned 2.5 crimp contact, individual male contact, core diameter 3.00 mm², silver-plated

Crimp contact - CK2,5-ED-4,00ST AG - 1663637



Turned 2.5 crimp contact, individual male contact, core diameter 4.00 mm², silver-plated

Crimp contact - CK2,5-ED-0,50ST AU - 1674804



Turned 2.5 crimp contact, individual male contact, core diameter 0.5 mm², gold-plated

Crimp contact - CK2,5-ED-1,00ST AU - 1674781



Turned 2.5 crimp contact, individual male contact, core diameter 0.75 to 1.0 mm², gold-plated

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Accessories

Crimp contact - CK2,5-ED-1,50ST AU - 1674778



Turned 2.5 crimp contact, individual male contact, core diameter 1.5 mm², gold-plated

Crimp contact - CK2,5-ED-2,50ST AU - 1674817



Turned 2.5 crimp contact, individual male contact, core diameter 2.5 mm², gold-plated

Crimp contact - CK2,5-ED-4,00ST AU - 1674794



Turned 2.5 crimp contact, individual male contact, core diameter 4.00 mm², gold-plated

CK2,5-ED-0,37ST AG - 1585650



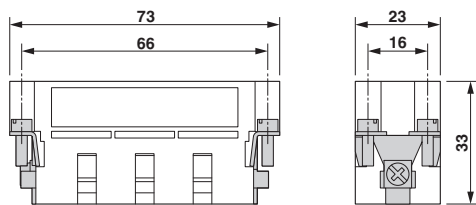
CK2,5-ED-0,37ST AU - 1585663



Drawings

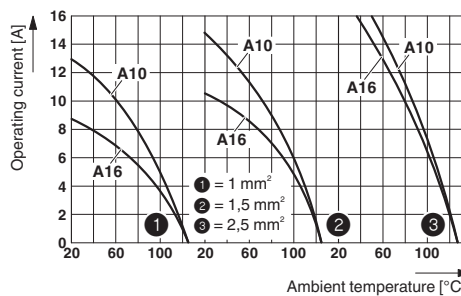
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Dimensional drawing



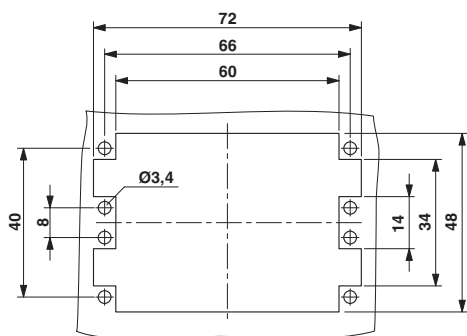
Male insert

Diagram



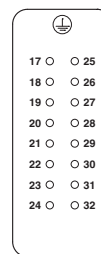
Derating diagram: HC-A...C series

Dimensional drawing



Panel cutout

Schematic diagram



Connector pin assignment, connection side