

Contact insert module - HC-K 8/24-EBUC - 1636321

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HEAVYCON female insert, K8/24 series, for 8 power and 24 control contacts, crimp connection



Key commercial data

Packing unit	1 pc
Weight per Piece (excluding packing)	59.9 GRM
Custom tariff number	85366990
Country of origin	Romania

Technical data

General

Note	For housing HC-B10, power contacts: CK 2,5-ED, control contacts: CK 1,6-ED (crimp contacts not included in scope of delivery)
Connection method	Crimp connection (power contacts) Crimp connection (Signal contacts)
Pollution degree	3
Surge voltage category	III
Number of positions	8+24+PE
No. of power contacts	8
No. of control contacts	24
Insertion/withdrawal cycles	≥ 500
Design	B10
Connection in acc. with standard	IEC / EN
Conductor cross section	0.5 mm ² ... 4 mm ² (power contacts) 0.14 mm ² ... 2.5 mm ² (control contacts)
Connection cross section AWG	20 ... 12 (power contacts) 26 ... 14 (control contacts)

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Technical data

General

Stripping length of the individual wire	7.5 mm
	8 mm (0.14 - 1.5 mm ²)
	6 mm (2.5 mm ²)
Assembly instructions	- Dismantling of CK2,5-ED power contacts... using a size 0 Phillips screwdriver (DIN 5260).
Connection	Connectors may be plugged in only when there is no load/voltage.

Ambient conditions

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

Inflammability class according to UL 94	V0
Contact material	Cu alloy
Material of contact surface, power contact	Ag (alternat. Au)
Material of contact surface, control contact	Ag (alternatively Au)
Contact carrier material	PA

Electrical characteristics

Rated voltage for power contacts	230/400 V
Rated voltage (III/3)	Power 230 V (Conductor-PE)
	Signal 160 V
Rated surge voltage	Power 400 V (Conductor-Conductor)
	4 kV (power contacts)
	2.5 kV (control contacts)
Rated current	16 A (power contacts)
	10 A (control contacts)

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	27440209

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Classifications

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

Approvals

Approvals

Approvals

CSA / UL Recognized / GOST

Ex Approvals

Approvals submitted

Approval details

CSA	
mm ² /AWG/kcmil	20-12
Nominal current I _N	16 A
Nominal voltage U _N	600 V

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Approvals

UL Recognized	
Nominal voltage UN	600 V

GOST

Accessories

Accessories

Crimp contact

Crimp contact - CK1,6-ED-0,37BU AG - 1663394



Turned 1.6 crimp contact, individual female contact, core diameter 0.14 to 0.37 mm², silver-plated

Crimp contact - CK1,6-ED-0,50BU AG - 1663404



Turned 1.6 crimp contact, individual female contact, core diameter 0.5 mm², silver-plated

Crimp contact - CK1,6-ED-0,75BU AG - 1663417



Turned 1.6 crimp contact, individual female contact, core diameter 0.75 mm², silver-plated

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Accessories

Crimp contact - CK1,6-ED-1,00BU AG - 1663420



Turned 1.6 crimp contact, individual female contact, core diameter 0.75 to 1.00 mm², silver-plated

Crimp contact - CK1,6-ED-1,50BU AG - 1663433



Turned 1.6 crimp contact, individual female contact, core diameter 1.5 mm², silver-plated

Crimp contact - CK1,6-ED-2,50BU AG - 1663446



Turned 1.6 crimp contact, individual female contact, core diameter 2.5 mm², silver-plated

Crimp contact - CK1,6-ED-0,37BU AU - 1674969



Turned 1.6 crimp contact, individual female contact, core diameter 0.14 to 0.37 mm², gold-plated

Crimp contact - CK1,6-ED-0,50BU AU - 1674480



Turned 1.6 crimp contact, individual female contact, core diameter 0.5 mm², gold-plated

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Accessories

Crimp contact - CK1,6-ED-0,75BU AU - 1672440



Turned 1.6 crimp contact, individual female contact, core diameter 0.75 mm², gold-plated

Crimp contact - CK1,6-ED-1,00BU AU - 1674943



Turned 1.6 crimp contact, individual female contact, core diameter 0.75 to 1.00 mm², gold-plated

Crimp contact - CK1,6-ED-1,50BU AU - 1674930



Turned 1.6 crimp contact, individual female contact, core diameter 1.5 mm², gold-plated

Crimp contact - CK1,6-ED-2,50BU AU - 1674985



Turned 1.6 crimp contact, individual female contact, core diameter 2.5 mm², gold-plated

Crimp contact - CK2,5-ED-0,50BU AG - 1663640



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

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Accessories

Crimp contact - CK2,5-ED-0,75BU AG - 1663653



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

Crimp contact - CK2,5-ED-1,00BU AG - 1663666



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

Crimp contact - CK2,5-ED-1,50BU AG - 1663679



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

Crimp contact - CK2,5-ED-2,50BU AG - 1663682



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

Crimp contact - CK2,5-ED-3,00BU AG - 1663695



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

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Accessories

Crimp contact - CK2,5-ED-4,00BU AG - 1663705



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

Crimp contact - CK2,5-ED-0,50BU AU - 1674859



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

Crimp contact - CK2,5-ED-1,00BU AU - 1674833



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

Crimp contact - CK2,5-ED-1,50BU AU - 1674820



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

Crimp contact - CK2,5-ED-2,50BU AU - 1674862



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

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Accessories

Crimp contact - CK2,5-ED-4,00BU AU - 1674846



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

Fiber optics contact

Female contact - CK1,6-ED-BU-POF - 1885004



Fiber optic pin contact POF, turned, for contact carriers of CK1,6-ED... contacts

- CK2,5-ED-0,37BU AG - 1585634



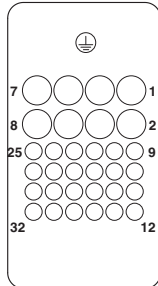
- CK2,5-ED-0,37BU AU - 1585647



Drawings

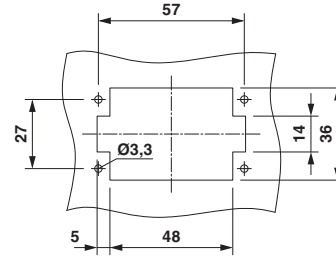
Contact insert module - HC-K 8/24-EBUC - 1636321

Schematic diagram



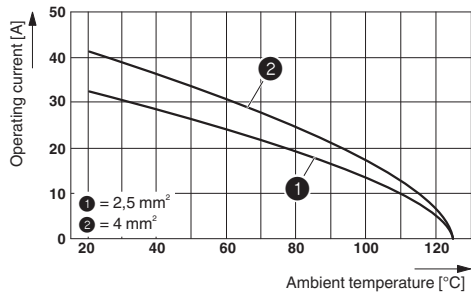
Connector pin assignment, connection side

Dimensioned drawing



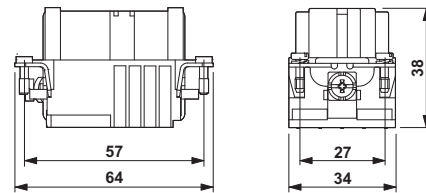
Panel cutout

Diagram



Derating diagram

Dimensioned drawing



Dimensional drawing



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- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



Как с нами связаться

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