

Contact insert - 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
Type	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)

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

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
	Power 400 V (Conductor-Conductor)
Rated surge voltage	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	27440205

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

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 / EAC

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

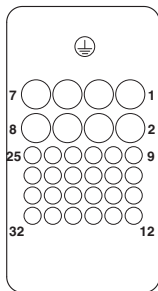
Contact insert - HC-K 8/24-EBUC - 1636321

Approvals

UL Recognized	
Nominal voltage UN	600 V
EAC	

Drawings

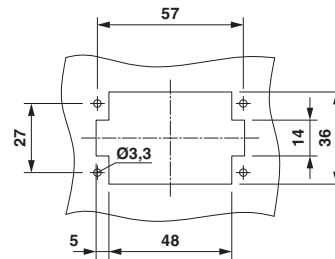
Schematic diagram



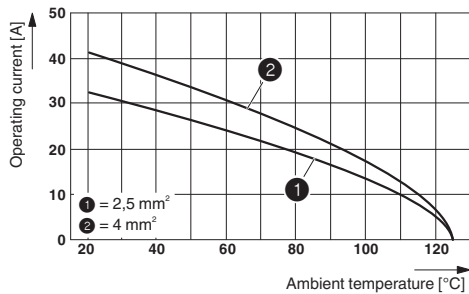
Panel cutout

Connector pin assignment, connection side

Dimensioned drawing

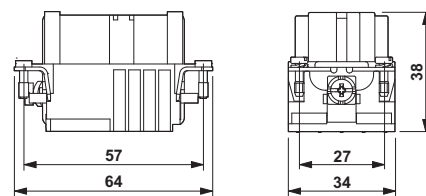


Diagram



Derating diagram

Dimensioned drawing



Dimensional drawing