

Contact insert module - HC-M-06P-MOD-ST - 1636457

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HEAVYCON contact insert module, male, 6-pos., crimp connection



Key commercial data

Packing unit	2 pc
GTIN	 4 046356 028196
Weight per Piece (excluding packing)	11.0 g
Custom tariff number	85366990
Country of origin	Germany

Technical data

Electrical characteristics

Note	For HEAVYCON housing type B6 to B48, HC-M-MHR... hinged retaining frame required, CK2,5-ED... crimp contacts (crimp contacts not supplied as standard)
Rated voltage (III/3)	830 V
Rated current	16 A
Rated surge voltage	8 kV
Number of positions	6

Ambient conditions

Ambient temperature (operation)	-40 °C ... 125 °C
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Mechanical characteristics

Conductor cross section	0.5 mm ² ... 4 mm ²
Connection cross section AWG	20 ... 12
Stripping length of the individual wire	7.5 mm
Insertion/withdrawal cycles	≥ 500
Minimum housing height	52 mm

General

Series	HC-M-06
Number of module slots	1
Connection method	Crimp connection
Inflammability class according to UL 94	V0
Pollution degree	3
Surge voltage category	III

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Technical data

General

Assembly instructions	Housing height \geq 52 mm. Plug-in connections may only be operated only when there is no load/voltage.
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Material data

Contact material	Copper alloy
Contact surface material	Ag (alternatively Au)
Contact carrier material	PC

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	27440207

ETIM

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

UL Recognized / EAC

Ex Approvals

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Approvals

Approvals submitted

Approval details

UL Recognized	
mm ² /AWG/kcmil	12
Nominal current I _N	16 A
Nominal voltage U _N	600 V

EAC

Accessories

Accessories

Assembly tool

Contact removal tool - CK2,5-EWZ - 1662722



Contact removal tool, for turned CK 2,5... contacts

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

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Accessories

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

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

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Accessories

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

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

Crimping tool

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Accessories

Crimping pliers - CRIMPFOX-1,6/2,5-ED-4,0 - 1687419



Crimping pliers, for turned contacts, CK 1.6 ED... and CK 2.5 ED...

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

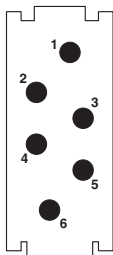


- CK2,5-ED-0,37ST AU - 1585663



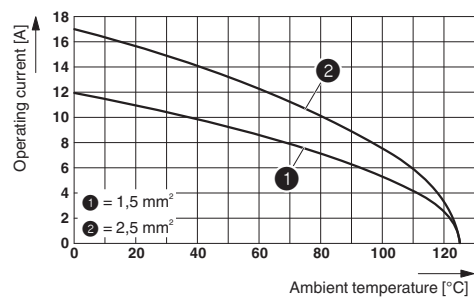
Drawings

Schematic diagram



Connector pin assignment, connection side

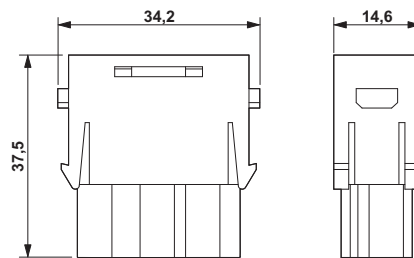
Diagram



Derating diagram (6 modules in HC-B 24 housing)

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Dimensioned drawing



Male insert