

Contact insert module - HC-M-06-MOD-ST - 1663459

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

Key commercial data

package_quantity	2
GTIN	4017918123260

Technical data

Electrical characteristics

Note	For housing HC-B6 to B48, for housing HC-ADVANCE-B6 to B24, hinged retaining frame HC-M-MHR... necessary, crimp contacts CK2,5-ED... (crimp contacts not in scope of supply)
Rated voltage (III/3)	500 V
Rated current	16 A
Rated surge voltage	6 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

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

Material data

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Technical data

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	27440209

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

CSA / UL Recognized / GOST /

Approval details

	
Nominal voltage UN	600 V
Nominal current IN	32 A
mm ² /AWG/kcmil	16-10

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approvals

UL Recognized	
Nominal voltage UN	600 V
Nominal current IN	16 A
mm ² /AWG/kcmil	12

GOST

accessories

Crimping tool

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



Assembly tool

CK2,5-EWZ - 1662722



Crimp contact

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



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accessories

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



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



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



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



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



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



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accessories

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



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



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



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



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



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accessories

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

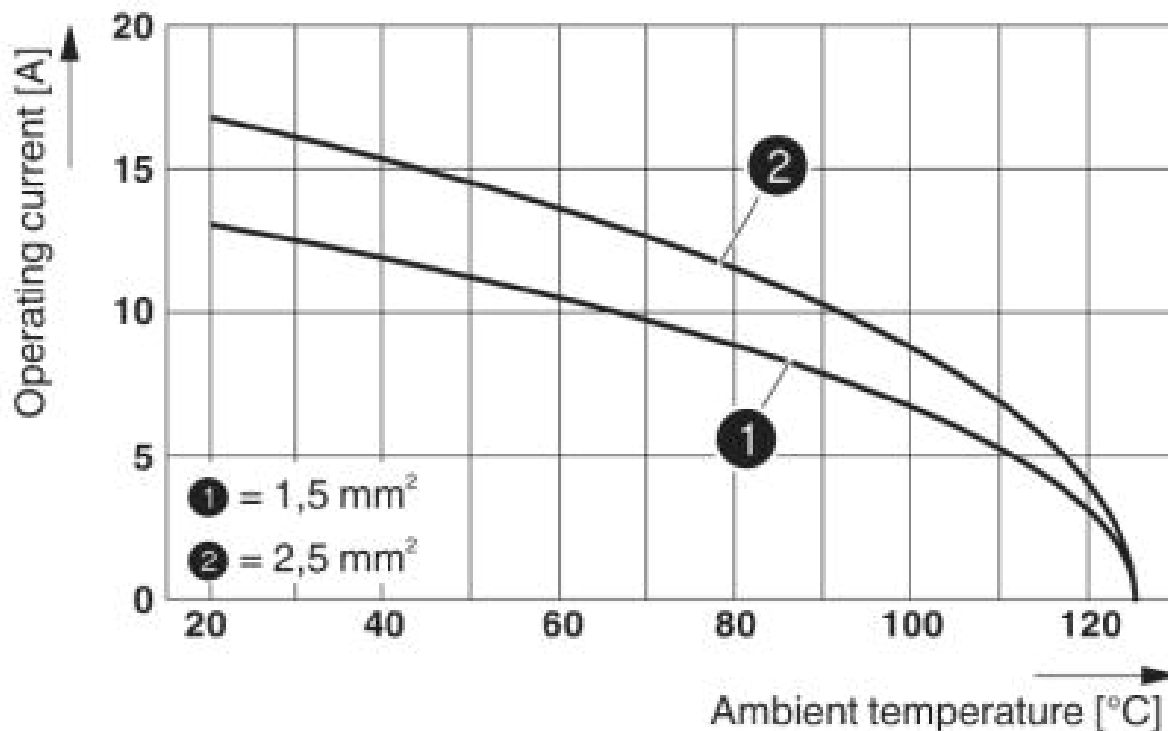


CK2,5-ED-0,37ST AU - 1585663



Drawings

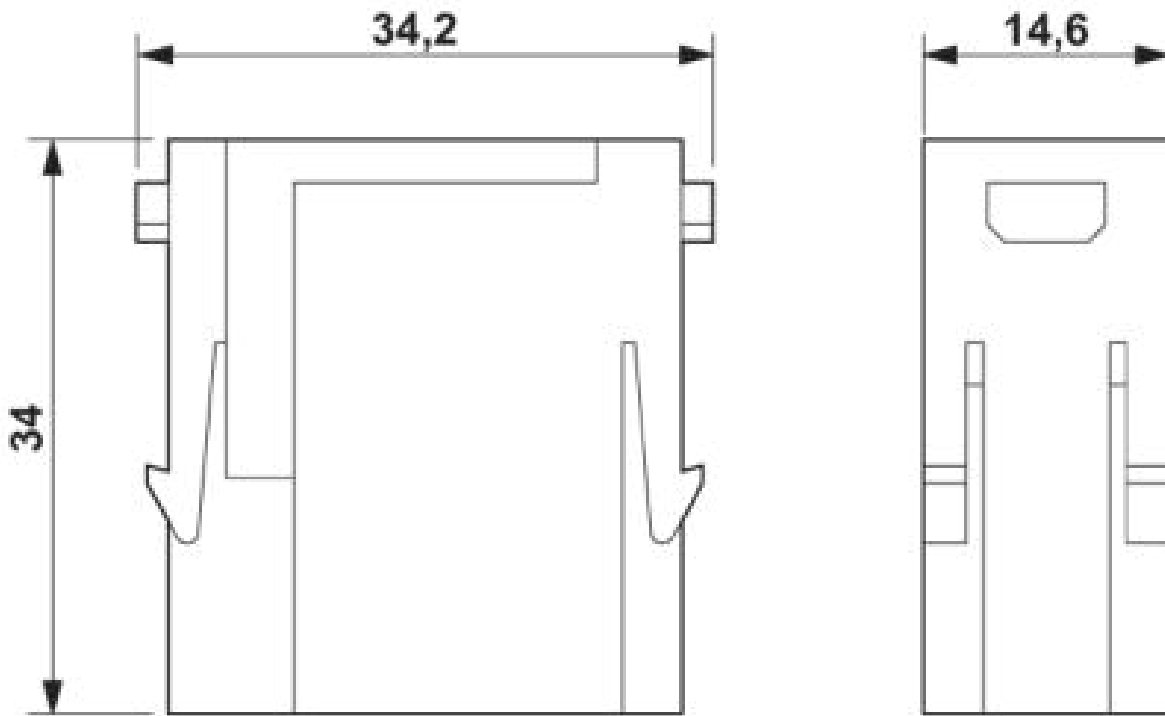
Diagram



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

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Dimensioned drawing



Male insert

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Schematic diagram

