

Contact insert module - HC-M-12-MOD-ST - 1663310


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HEAVYCON contact insert module, male, 12-pos., crimp connection



Key Commercial Data

Packing unit	1 pc
Minimum order quantity	2 pc
GTIN	 4 017918 123123
Weight per Piece (excluding packing)	10.6 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, CK1,6-ED... crimp contacts (crimp contacts not supplied as standard)
Rated voltage (III/3)	250 V
Rated current	10 A
Rated surge voltage	3 kV
Number of positions	12

Ambient conditions

Ambient temperature (operation)	-40 °C ... 80 °C
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Mechanical characteristics

Conductor cross section	0.14 mm ² ... 2.5 mm ²
Connection cross section AWG	26 ... 14

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Mechanical characteristics

Stripping length of the individual wire	8 mm (6 mm (for 2.5 mm ²))
Insertion/withdrawal cycles	≥ 500

General

Series	HC-M-12
Number of module slots	1
Connection method	Crimp connection
Flammability rating according to UL 94	V0
Degree of pollution	3
Overvoltage category	III
Assembly instructions	Housing height ≥ 52 mm. Plug-in connections may only be operated only when there is no load/voltage.

Material data

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

Standards and Regulations

Connection in acc. with standard	CSA
Flammability rating according to UL 94	V0

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 2.0	EC000438
ETIM 3.0	EC000438
ETIM 4.0	EC000438
ETIM 5.0	EC000438

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Classifications

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 / EAC

Ex Approvals

Approvals submitted

Approval details

CSA	
mm ² /AWG/kcmil	26-14
Nominal current I _N	12 A
Nominal voltage U _N	600 V

UL Recognized	
Nominal voltage U _N	600 V

EAC

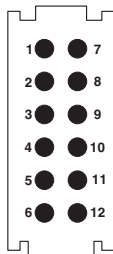
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Approvals

EAC

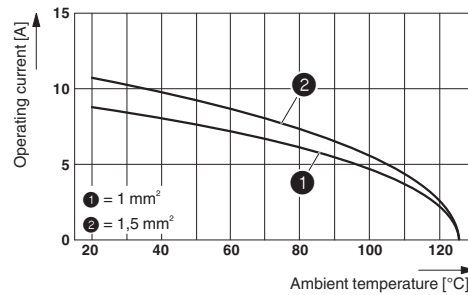
Drawings

Schematic diagram



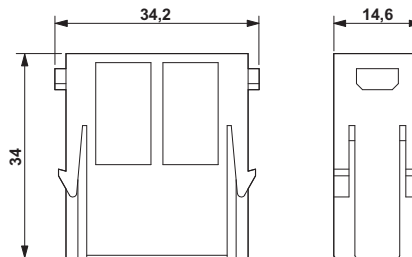
Connector pin assignment, connection side

Diagram



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

Dimensional drawing



Male insert