

Contact insert module - HC-M-05L-TPT-F - 1423962

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Contact insert module, number of positions: 5, power contacts: 5, control contacts: 0, number of connections per position: 2, Socket, Push-in connection, 230 V/400 V, 16 A, 0.25 mm² ... 1.5 mm², application: Power

RoHS

COMPLETE RoHS

Key Commercial Data

Packing unit	1 pc
GTIN	 4 055626 365817
GTIN	4055626365817

Technical data

Dimensions

Height	38 mm
Width	34 mm
Length	14.6 mm

Electrical characteristics

Rated voltage (III/3)	230 V (Conductor-PE)
	400 V (Conductor-Conductor)
Rated current	16 A
Rated surge voltage	4 kV
Connection profile	5

Ambient conditions

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

Conductor cross section	0.25 mm ² ... 1.5 mm ² (with ferrule)
Connection cross section AWG	24 ... 16 (with ferrule)
Stripping length of the individual wire	8 mm ±1 mm
Contact diameter	2.5 mm

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Technical data

Mechanical characteristics

Insertion/withdrawal cycles	≥ 500
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General

Note	For HEAVYCON housing type B6 to B48, HC-M-B...MF-... hinged module carrier frame required.
	For solid conductors or stranded conductors with ferrules
	Connectors may be operated only when there is no load/voltage.
Series	HC-M-05-T
Color	light gray
Number of module slots	1
Connection method	Push-in connection
Number of connections per position	2
Contact type	rolled
Flammability rating according to UL 94	V0
Degree of pollution	3
Overvoltage category	III
Assembly instructions	To ensure correct use, installation in housing with IP54 protection or better is required

Material data

Contact material	Copper alloy
Contact surface material	Ag
Contact carrier material	PC

Standards and Regulations

Constructional and testing regulations	DIN EN 61984
	DIN EN 60664
Flammability rating according to UL 94	V0

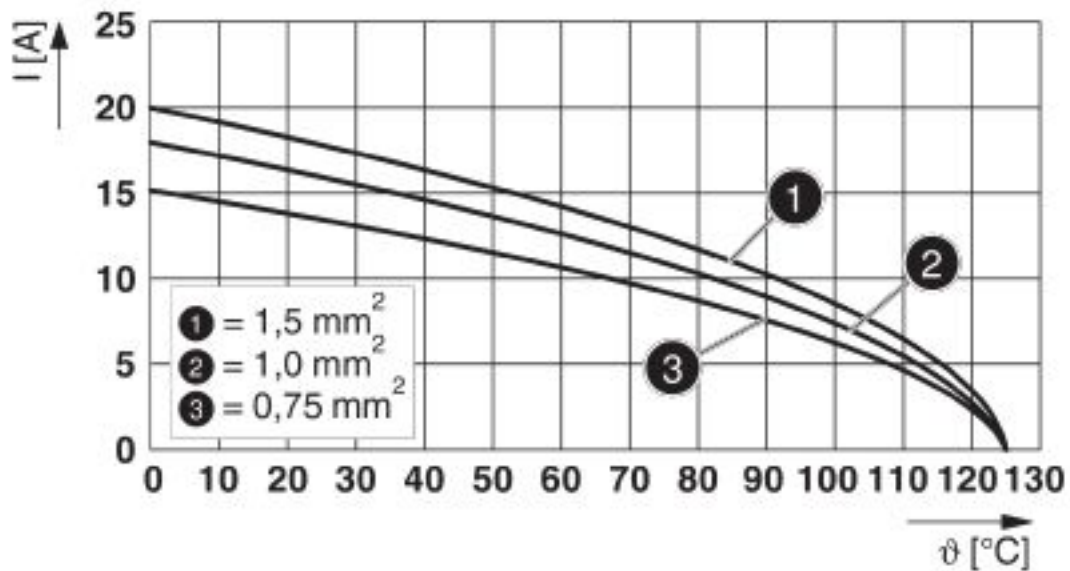
Environmental Product Compliance

China RoHS	Environmentally Friendly Use Period = 50 years
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Drawings

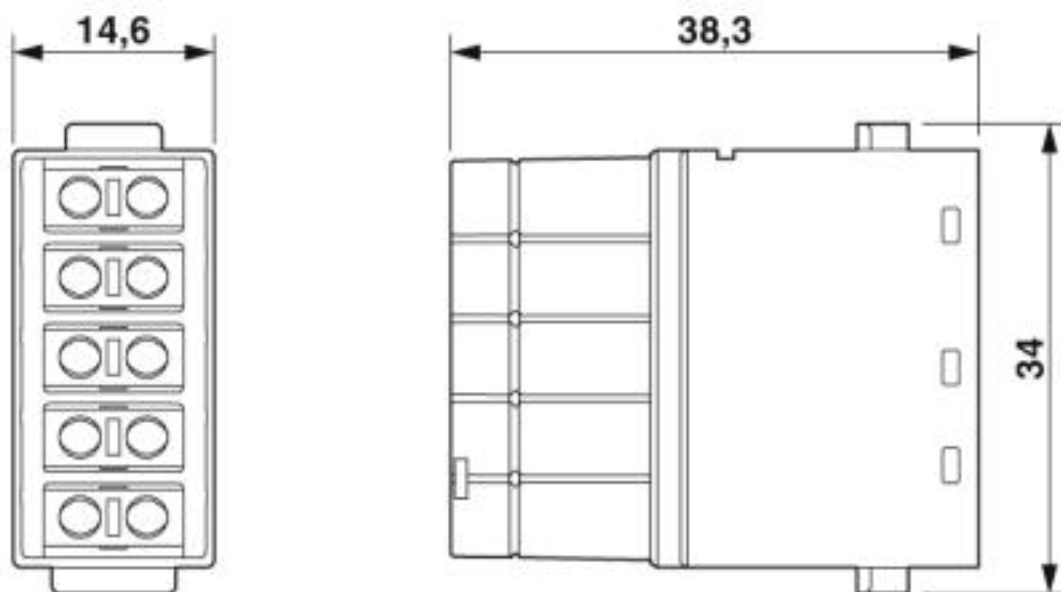
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Diagram



Derating diagram

Dimensional drawing



Classifications

eCl@ss

eCl@ss 10.0.1	27440217
eCl@ss 5.1	27261200
eCl@ss 6.0	27261200
eCl@ss 7.0	27440205

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Classifications

eCl@ss

eCl@ss 8.0	27440205
eCl@ss 9.0	27440217

ETIM

ETIM 5.0	EC000438
ETIM 6.0	EC000438
ETIM 7.0	EC000438

Approvals

Approvals

Approvals

CSA / UL Recognized / VDE Zeichengenehmigung / EAC / EAC

Ex Approvals

Approval details

CSA		http://www.csagroup.org/services-industries/product-listing/	13631
Nominal voltage UN		600 V	
Nominal current IN		12 A	
mm²/AWG/kcmil		16	

UL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	E118976
Nominal voltage UN		600 V	
Nominal current IN		16 A	
mm²/AWG/kcmil		16	

VDE Zeichengenehmigung		http://www2.vde.com/de/Institut/Online-Service/VDE-gepruefteProdukte/Seiten/Online-Suche.aspx	40050148
Nominal voltage UN		400 V	

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Approvals

Nominal current I _N	10 A
mm ² /AWG/kcmil	0.25-2.5

EAC		EAC-Zulassung
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EAC		RU C- DE.BL08.B.00511
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Accessories

Accessories

Crimping tool

Crimping pliers - CRIMPFOX 6 - 1212034



Crimping pliers, for ferrules without insulating collar according to DIN 46228 Part 1 and ferrules with insulating collar according to DIN 46228 Part 4, 0.25 mm² ... 6.0 mm², lateral entry, trapezoidal crimp

Module carrier frame

Module carrier frame - HC-M-B06-MFH-B - 1182085



Module carrier frame, size: B6, type : for the panel mounting side (a, b, c, ...), 4 mm² ... 6 mm², application: Module carrier frame

Module carrier frame - HC-M-B10-MFH-B - 1182088



Module carrier frame, size: B10, type : for the panel mounting side (a, b, c, ...), 4 mm² ... 6 mm², application: Module carrier frame

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Accessories

Module carrier frame - HC-M-B16-MFH-B - 1182090



Module carrier frame, size: B16, type : for the panel mounting side (a, b, c, ...), 4 mm² ... 6 mm², application: Module carrier frame

Module carrier frame - HC-M-B24-MFH-B - 1182094



Module carrier frame, size: B24, type : for the panel mounting side (a, b, c, ...), 4 mm² ... 6 mm², application: Module carrier frame

Module carrier frame - HC-M-B06-MFH-H - 1182087



Module carrier frame, size: B6, type : for the sleeve side (A, B, C, ...), 4 mm² ... 6 mm², application: Module carrier frame

Module carrier frame - HC-M-B10-MFH-H - 1182089



Module carrier frame, size: B10, type : for the sleeve side (A, B, C, ...), 4 mm² ... 6 mm², application: Module carrier frame

Module carrier frame - HC-M-B16-MFH-H - 1182093



Module carrier frame, size: B16, type : for the sleeve side (A, B, C, ...), 4 mm² ... 6 mm², application: Module carrier frame

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Accessories

Module carrier frame - HC-M-B24-MFH-H - 1182095



Module carrier frame, size: B24, type : for the sleeve side (A, B, C, ...), 4 mm² ... 6 mm², application: Module carrier frame

Additional products

Contact insert module - HC-M-05L-TPT-M - 1423961



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