

HC-M-DSUB-09/2-CT-F - Contact insert module



1079793

<https://www.phoenixcontact.com/us/products/1079793>

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HEAVYCON socket contact insert module, D-SUB 9, crimp connection, for two conductors, without crimp contact

Commercial data

Item number	1079793
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	BF62
Product key	AF7ACB
GTIN	4055626800431
Weight per piece (including packing)	35.1 g
Weight per piece (excluding packing)	35.1 g
Customs tariff number	85389099
Country of origin	CN

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Technical data

Mounting

Assembly note	To ensure correct use, installation in housing with IP54 protection or better is required
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Product properties

Product type	Modular contact insert
Series	HC-M-DSUB-C
Application	Data
Number of positions	9
Connection profile	9
Contact numbering	1 - 9
No. of cable outlets	1
Number of module slots	1
Contact material type	turned

Insulation characteristics

Overvoltage category	III
Degree of pollution	3

Connection data

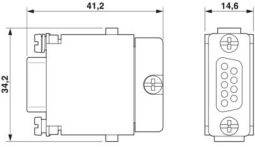
Connection technology

Connection technology	Crimp connection
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Conductor connection

Conductor cross-section	0.09 mm ² ... 0.82 mm ²
Connection cross section AWG	28 ... 18
Stripping length of the individual wire	4.2 mm

Dimensions

Dimensional drawing	
Width	34.2 mm
Height	35.7 mm
Length	14.6 mm

Mechanical characteristics

Minimum housing height	52 mm
Contact diameter	1 mm

Electrical properties

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Rated voltage (III/3)	48 V
Rated surge voltage	0.8 kV
Rated current	5 A

Mechanical properties

Mechanical data

Insertion/withdrawal cycles	≥ 500
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Material specifications

Material Line conductor	Zinc alloy
Flammability rating according to UL 94	V0
Contact material	Copper alloy
Contact surface material	Ag
Contact carrier material	PC

Environmental and real-life conditions

Ambient conditions

Ambient temperature (operation)	-40 °C ... 125 °C
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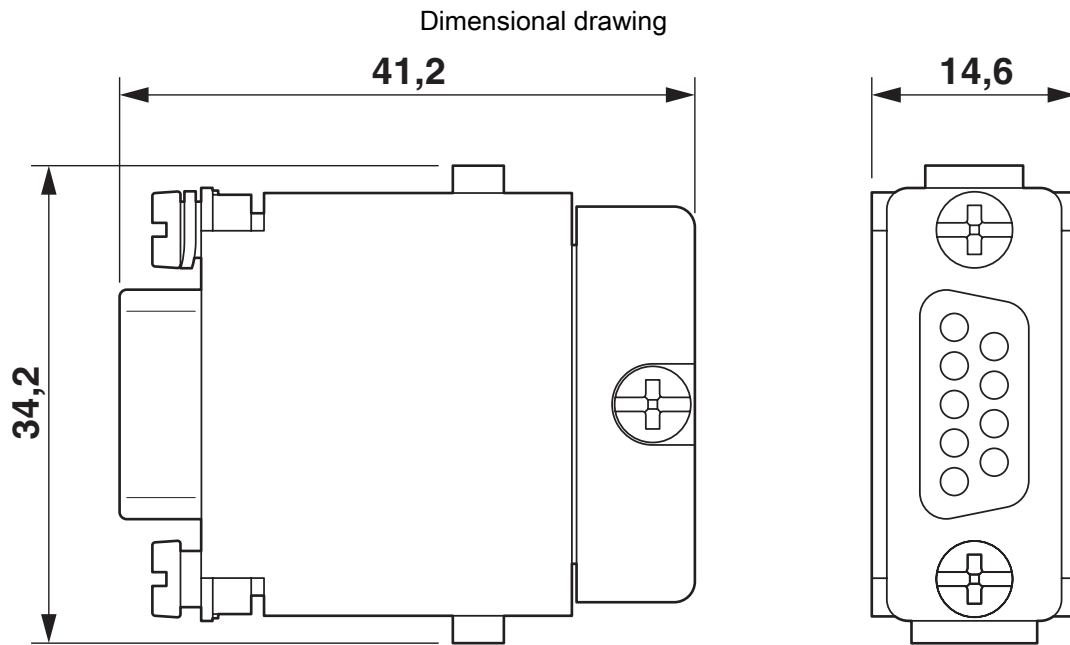
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Drawings



Dimensional drawing

Dimensional drawing



Stripping length specifications, pin assignment

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Approvals

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DNV

Approval ID: TAE000037S

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Classifications

ECLASS

ECLASS-13.0	27440218
ECLASS-15.0	27440218

ETIM

ETIM 10.0	EC000438
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UNSPSC

UNSPSC 21.0	39121400
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Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
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China RoHS

Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits

EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%
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