

1423723
<https://www.phoenixcontact.com/il/products/1423723>

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Contact insert module, number of positions: 9, type : D-SUB 9, Pin, Screw connection, 48 V, 1 A, 0.08 mm² ... 0.5 mm², application: Data

Commercial data

Item number	1423723
Packing unit	1 pc
Minimum order quantity	1 pc
Product key	BF7ACE
Catalog page	Page 587 (C-2-2019)
GTIN	4055626369419
Weight per piece (including packing)	38.74 g
Weight per piece (excluding packing)	37.7 g
Customs tariff number	85366990
Country of origin	CN

HC-M-DSUB-09-UT-M - Contact insert module



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Technical data

Notes

General	For HEAVYCON housing type B6 to B48, HC-M-B...MF-... module carrier frame required
General	Connectors may be operated only when there is no load/voltage.
General	The use of guide pins (HC-CST) and sockets (HC-CBU) is recommended to prevent tip collision due to misalignment.

Mounting

Assembly instructions	To ensure correct use, installation in housing with IP54 protection or better is required
Connection method	Screw connection

Product properties

Product type	Modular contact insert
Number of positions	9
Connection profile	9
Contact numbering	1 - 9
Application	Data
Number of module slots	1
Type	D-SUB 9
Contact material type	turned
Series	HC-M-DSUB-U

Insulation characteristics

Overvoltage category	III
Degree of pollution	3

Connection data

Connection technology

Connection technology	Screw connection
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Conductor connection

Conductor cross section	0.08 mm ² ... 0.5 mm ²
Connection cross section AWG	28 ... 20
Tightening torque	0.03 Nm ... 0.05 Nm
Stripping length of the individual wire	4.2 mm

Dimensions

Dimensional drawing	
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Width	34.2 mm
Height	35.7 mm
Length	14.6 mm

Mechanical characteristics

Minimum housing height	72 mm
Contact diameter	1 mm

Electrical properties

Rated voltage (III/3)	48 V
Rated surge voltage	0.8 kV
Rated current	1 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
Standards/regulations	PC: Fire protection in rail vehicles - requirement set R22 acc. to DIN EN 45545-2 (Risk level HL1 - HL2)
	PC: Fire protection in rail vehicles - requirement set R23 acc. to DIN EN 45545-2 (Risk level HL1 - HL3)

Environmental and real-life conditions

Ambient conditions

Ambient temperature (operation)	-40 °C ... 125 °C
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Standards and regulations

Testing

Standards/regulations	PC: Fire protection in rail vehicles - requirement set R22 acc. to DIN EN 45545-2 (Risk level HL1 - HL2)
	PC: Fire protection in rail vehicles - requirement set R23 acc. to DIN EN 45545-2 (Risk level HL1 - HL3)

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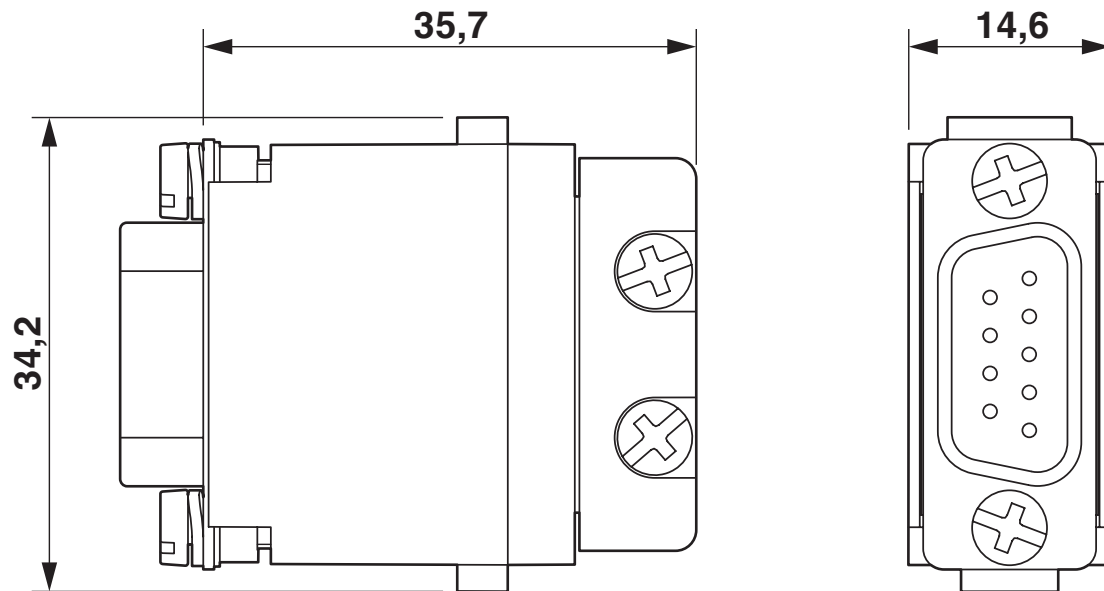
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Drawings

Dimensional drawing



Male insert

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Approvals

🔗 To download certificates, visit the product detail page: <https://www.phoenixcontact.com/il/products/1423723>



EAC

Approval ID: RU C-DE.BL08.B.00511

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Classifications

ECLASS

ECLASS-11.0	27440218
ECLASS-12.0	27440218
ECLASS-13.0	27440218

ETIM

ETIM 9.0	EC000438
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UNSPSC

UNSPSC 21.0	39121400
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Environmental product compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

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