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

1417307

https://www.phoenixcontact.com/us/products/1417307

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Contact insert module, number of positions: 9, type : D-SUB 9, Socket, Screw connection, 48 V, 1 A, 0.08 mm^2 ... 0.5 mm^2, application: Data

Commercial data

Item number	1417307
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	BF62
Product key	AF7ACE
GTIN	4055626112497
Weight per piece (including packing)	40 g
Weight per piece (excluding packing)	35 g
Customs tariff number	85389099
Country of origin	CN

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 note	To ensure correct use, installation in housing with IP54 protection or better is required
	Signal A is pin 8, signal B is pin 3, T-functionality with branch lines according to IEC 61156 up to 1.5 Mbaud

Product properties

Product type	Modular contact insert
Series	HC-M-DSUB-U
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

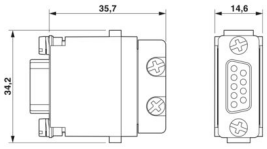
Connection technology

Connection technology	Screw connection
Clamping range of the strain relief clip	4.00 mm ... 7.00 mm

Conductor connection

Conductor cross-section	0.08 mm² ... 0.5 mm²
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	
Width	34.2 mm
Height	35.7 mm
Length	14.6 mm
Clamping range of the strain relief clip	4.00 mm ... 7.00 mm

Mechanical characteristics

Minimum housing height	72 mm
Contact diameter	1 mm

Electrical properties

Rated voltage (III/3)	48 V (D-SUB)
Rated surge voltage	0.8 kV
Rated current	1 A
Transmission characteristics (category)	shielded data cable

Mechanical properties

Mechanical data

Insertion/withdrawal cycles	≥ 500

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

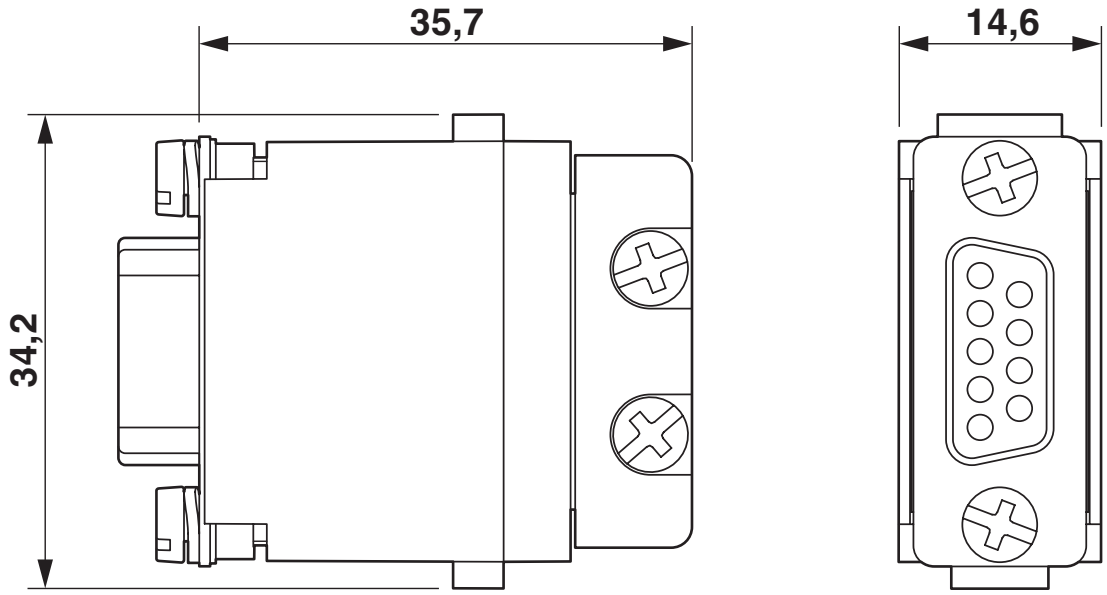
Ambient temperature (operation)	-40 °C ... 125 °C

Standards and regulations

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)

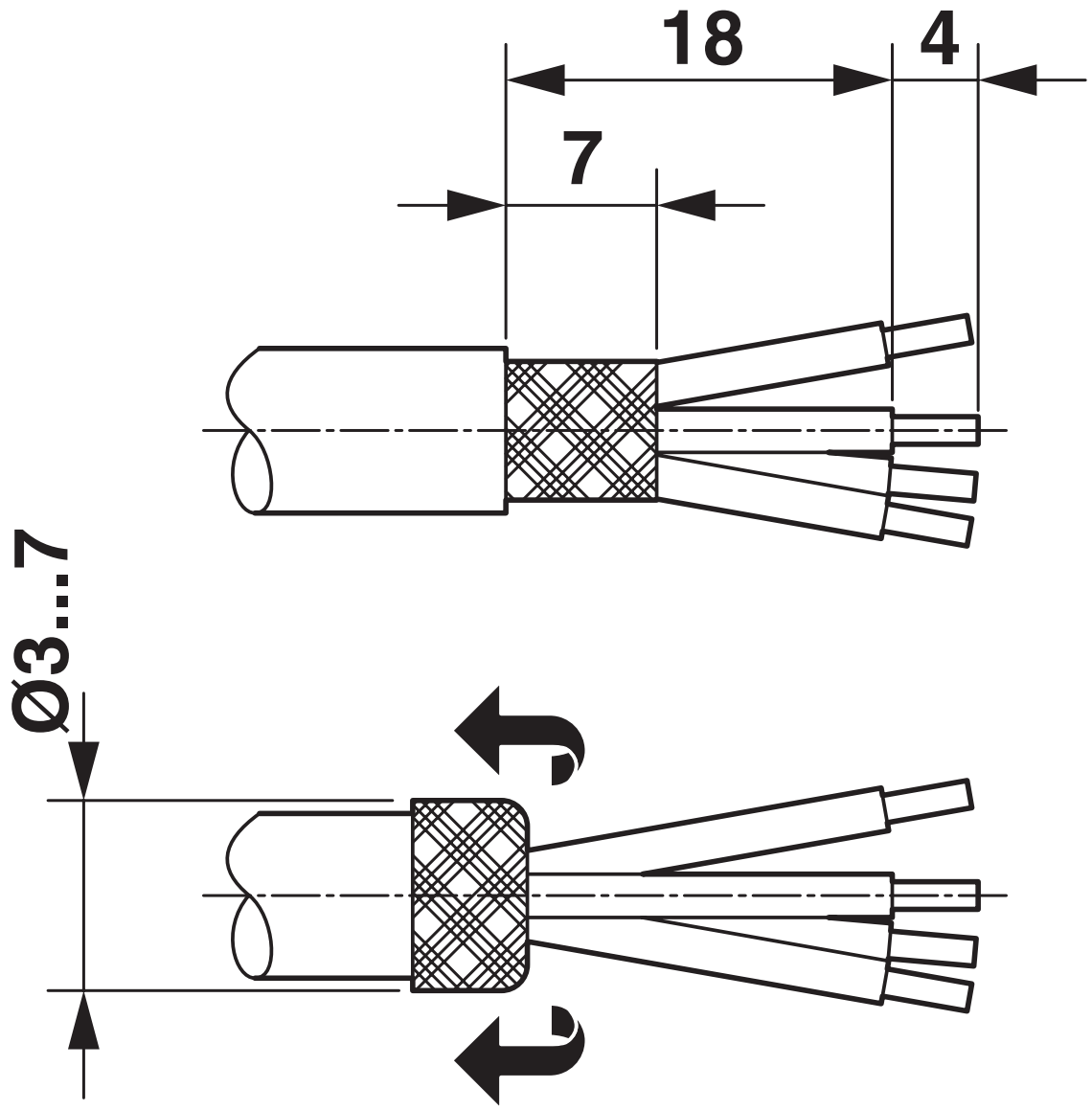
Drawings

Dimensional drawing



Female insert

Dimensional drawing



Stripping length specifications; pin assignment. Cable to be used: Order No. 14164457

Approvals

To download certificates, visit the product detail page: https://www.phoenixcontact.com/us/products/1417307

DNV
Approval ID: TAE000037S

Classifications

ECLASS

ECLASS-13.0	27440218
ECLASS-15.0	27440218

ETIM

ETIM 10.0	EC000438

UNSPSC

UNSPSC 21.0	39121400

Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions

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%

EF3.1 Climate Change

CO2e kg	12.172 kg CO2e

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