

HC-D 64-A-TWIN-PER-M - Terminal adapter



1580215

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HEAVYCON terminal adapter male insert, D64 series, 64-pos., left PE connection for the right side of the control cabinet, push-in connection

Your advantages

- Easy installation without tools, even when mounted, with push-in connection technology
- Shortest installation time compared to other connection technologies
- Quick and effortless wiring, in particular when space is tight
- Automatic cabling with robots possible
- Safe wiring and operation with color-coded actuators
- Shock and vibration-resistant in accordance with DIN EN 61373

Commercial data

Item number	1580215
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	BF61
Product key	BF7ADE
Catalog page	Page 537 (C-2-2019)
GTIN	4046356154543
Weight per piece (including packing)	504.1 g
Weight per piece (excluding packing)	461.8 g
Customs tariff number	85366990
Country of origin	PL

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Technical data

Notes

General	For HEAVYCON-ADVANCE mounting flange and HEAVYCON panel mounting base of B24 type
General	Connectors may be operated only when there is no load/voltage.

Product properties

Type	B24
Product type	Terminal adapter
Product family	HC-D
Number of positions	64
Connection profile	64+PE
Application	Signal
No. of power contacts	0
No. of control contacts	64
Type	for the right side of the control cabinet
Contact material type	rolled
Series	HC-D

Insulation characteristics

Overvoltage category	III
Degree of pollution	3

Electrical properties

Rated voltage (III/3)	250 V
Rated surge voltage	4 kV
Rated current	10 A
SCCR	5 kA (UL 2237)

Connection data

Connection technology

Connection technology	Push-in connection
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Conductor connection

Conductor cross section	0.5 mm ² ... 2.5 mm ² (with ferrule)
Connection cross section AWG	22 ... 12
Stripping length of the individual wire	10 mm

Dimensions

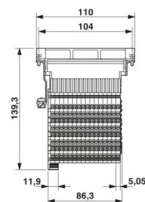
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Dimensional drawing



Width	34 mm
Height	139.3 mm
Length	110 mm
Drill hole distance, horizontal	104 mm
Drill hole distance, vertical	27 mm

Mechanical characteristics

Contact diameter	1.6 mm
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Material specifications

Flammability rating according to UL 94	V0
Contact material	Copper alloy
Contact surface material	Ag
Contact carrier material	PA
Standards/regulations	PA: Fire protection in rail vehicles - requirement sets R22, R23, and R24 acc. to DIN EN 45545-2 (Risk level HL1 - HL3)

Cable/line

Stripping length of the individual wire	10 mm
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Mechanical properties

Mechanical data

Insertion/withdrawal cycles	≥ 500
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Environmental and real-life conditions

Ambient conditions

Degree of protection	IP20
Ambient temperature (operation)	-40 °C ... 125 °C

Standards and regulations

Constructional and testing regulations	DIN EN 61984
	DIN EN 60664
	IEC 60352
Tests	DIN EN 61984
	DIN EN 60664
	IEC 60352

Testing

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Standards/regulations	PA: Fire protection in rail vehicles - requirement sets R22, R23, and R24 acc. to DIN EN 45545-2 (Risk level HL1 - HL3)
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Mounting

Assembly instructions	To ensure correct use, installation in housing with IP54 protection or better is required
	Not for HC-EVO panel mounting bases
	Not for HC-EVO panel mounting bases
	Connectors may be plugged in only when there is no load/voltage. Not for HC-B 24-AMQ-EMV housings

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Classifications

ECLASS

ECLASS-11.0	27440222
ECLASS-12.0	27440222
ECLASS-13.0	27440222

ETIM

ETIM 9.0	EC000438
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UNSPSC

UNSPSC 21.0	39121500
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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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Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com