1648393

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HEAVYCON terminal adapter socket insert, B10 series, 10-pos., for the left 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	1648393
Packing unit	5 pc
Minimum order quantity	5 pc
Sales key	BF61
Product key	BF7ADC
Catalog page	Page 549 (C-2-2019)
GTIN	4046356092111
Weight per piece (including packing)	92.44 g
Weight per piece (excluding packing)	95.03 g
Customs tariff number	85366990
Country of origin	CN

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Technical data

Notes

General	For HEAVYCON-ADVANCE mounting flange and HEAVYCON panel mounting base of B10 type
General	Connectors may be operated only when there is no load/voltage.

Product properties

B10
Terminal adapter
НС-В
10
10+PE
1 - 10
for the left side of the control cabinet
НС-В

Insulation characteristics

Overvoltage category	III
Degree of pollution	3

Electrical properties

Rated voltage (III/3)	500 V
Rated surge voltage	6 kV
Rated current	16 A
SCCR	5 kA (UL 2237)

Connection data

Connection technology		
Connection technology	Push-in connection	
Conductor connection		
Conductor cross section	0.5 mm ² 2.5 mm ²	
Connection cross section AWG	22 12	
Stripping length of the individual wire	10 mm (13 mm with ferrule)	

Dimensions



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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 HL 1 - HL3) Cable/line Stripping length of the individual wire 10 mm (13 mm with ferrule) Cable/line Stripping length of the individual wire 10 mm (13 mm with ferrule) Mechanical properties > 500 Mechanical data > 500 Environmental and real-life conditions > 500 Ambient conditions > 2 500 Standards and regulations IP20 Ambient conditions IP20 Constructional and testing regulations IN EN 61984 Din En 61984 Din En 61984 Din En 61984 Din En 61984 Insertion-Kithoral and testing regulations Din En 61984 Tests Din En 61984 Insertion-Kithoral and testing regulations Din En 61984 Insertion-Kithoral and testing regulations Din En 61984 Insertion-Kithoral and testing regulations Din En 61984	Dimensional drawing		
Length 64 mm Drill hole distance, horizontal 57 mm Drill hole distance, vertical 27 mm Material specifications Material specifications Flammability rating according to UL 94 V0 Contact material Copper alloy Contact surface material Ag Contact carrier 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 HL 1 - HL3) Contact carrier material Material regulations Stripping length of the individual wire 10 mm (13 mm with ferrule) Mechanical properties Mechanical data E Insertion/withdrawal cycles ≥ 500 Empretection Degree of protection IP20 Ambient conditions IP20 Constructional and testing regulations DIN EN 61984 DIN EN 61984 DIN EN 60664 IEC 60352 DIN EN 61984	Width	34 mm	
Drill hole distance, horizontal 57 mm Drill hole distance, vertical 27 mm Material specifications Flammability rating according to UL 94 V0 Contact material Copper alloy Contact surface material Ag Contact carrier material PA Standards/regulations PA Standards/regulations and R24 acc. to DIN EN 45545-2 (Risk level HL 1 + HL3) Cable/line Stripping length of the individual wire Nechanical data Insertion/withdrawal cycles 2 500 Enditions Ambient conditions 2 500 Image of protection Ambient conditions 2 500 Constructional and real-life conditions Page of protection 1920 Ambient temperature (operation) -40 °C 125 °C Stripping regulations IDIN EN 61984 DIN EN 61984 DIN EN 61984 DIN EN 61984	Height	72.1 mm	
Drill hole distance, vertical 27 mm Material specifications V0 Contact material Cooper alloy Contact surface material Ag Contact surface material PA Standards/regulations PA. Standards/regulations PA. Standards/regulations PA. Standards/regulations PA. Stripping length of the individual wire 10 mm (13 mm with ferrule) Material data Insertion/withdrawal cycles Insertion/withdrawal cycles 2 500 Environmental and real-life conditions P20 Ambient temperature (operation) -40 °C 125 °C Standards and regulations Insertion/withdrawal cycles Environmental and resting regulations DIN EN 61984 Insertion/sectional and testing regulations DIN EN 61984 Intel Environmental and resting regulations DIN EN 61984 Intel Environmental and restrin	Length	64 mm	
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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 HL 1 - HL3) Cable/line Stripping length of the individual wire 10 mm (13 mm with ferrule) Cable/line Stripping length of the individual wire 10 mm (13 mm with ferrule) Mechanical properties > 500 Mechanical data > 500 Environmental and real-life conditions > 500 Ambient conditions > 2 500 Standards and regulations IP20 Ambient conditions IP20 Constructional and testing regulations IN EN 61984 Din En 61984 Din En 61984 Din En 61984 Din En 61984 Insertion-Kithoral and testing regulations Din En 61984 Tests Din En 61984 Insertion-Kithoral and testing regulations Din En 61984 Insertion-Kithoral and testing regulations Din En 61984 Insertion-Kithoral and testing regulations Din En 61984	Drill hole distance, vertical	27 mm	
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 10 mm (13 mm with ferrule) Cable/line 10 mm (13 mm with ferrule) Mechanical properties ≥ 500 Mechanical data ≥ 500 Insertion/withdrawal cycles ≥ 500 Environmental and real-life conditions 2 500 Standards and regulations IP20 Ambient temperature (operation) 40 °C 125 °C Standards and regulations DIN EN 61984 IN En 60664 IEC 60352 Tests DIN EN 61984 DIN EN 60664 IEC 60352	Material specifications		
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IEC 60352	Tests		
		DIN EN 60664	
Testing		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)
Mounting	
Assembly instructions	To ensure correct use, installation in housing with IP54 protection or better is required
	Connectors may be plugged in only when there is no load/voltage.

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Classifications

ECLASS

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

ETIM

	ETIM 9.0	EC000438
UNSPSC		
	UNSPSC 21.0	39121500

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Environmental product compliance

REACh SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50 years
	For information on hazardous substances, refer to the manufacturer's declaration available under "Downloads"

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