

1648090

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HEAVYCON terminal adapter socket insert, B16 series, 16-pos., for the right side of the control cabinet, screw connection.



Commercial data

Item number	1648090
Packing unit	5 pc
Minimum order quantity	5 pc
Sales key	BF61
Product key	BF7ADC
Catalog page	Page 551 (C-2-2019)
GTIN	4017918969738
Weight per piece (including packing)	156.42 g
Weight per piece (excluding packing)	156.42 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 B16 type
General	Connectors may be operated only when there is no load/voltage.

Product properties

	B16
Product type	Terminal adapter
Product family	НС-В
Number of positions	16
Connection profile	16+PE
Contact numbering	1 - 16
Туре	for the right side of the control cabinet
Series	НС-В
Screwdriver blade	0.5 x 3.5 mm

Electrical properties

Degree of pollution

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

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Connection data

Connection technology

Connection technology	Screw connection
Connection in acc. with standard	IEC / EN
Conductor connection	
Conductor cross section	0.5 mm² 2.5 mm²
Connection cross section AWG	20 14
Tightening torque	0.5 Nm 0.8 Nm
Stripping length of the individual wire	12 mm

Dimensions



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and R24 acc. to DIN EN 45545-2 (Risk level HL1 - HL3) Cable/line Stripping length of the individual wire 12 mm Mechanical properties Mechanical data Insertion/withdrawal cycles Environmental and real-life conditions Ambient conditions Ambient temperature (operation) Constructional and testing regulations DIN EN 61984 DIN EN 60664 IEC 60352 Tests DIN EN 61984 DIN EN 61984 DIN EN 60664 IEC 60352		
Height	Dimensional drawing	77,5
Length Drill hole distance, horizontal Drill hole distance, vertical Atterial specifications Flammability rating according to UL 94 Contact material Copper alloy Contact surface material Contact carrier material PA Standards/regulations PA: Fire protection in rail vehicles - requirement sets R22, and R24 acc. to DIN EN 45545-2 (Risk level HL1 - HL3) Cable/line Stripping length of the individual wire 12 mm Mechanical data Insertion/withdrawal cycles Ambient conditions Ambient conditions Ambient conditions Ambient and regulations Constructional and testing regulations PIN EN 61984 DIN EN 61984 DIN EN 61984 DIN EN 60664 IEC 60352 Tests DIN EN 61984 DIN EN 60664 IEC 60352	Width	34 mm
Drill hole distance, horizontal Drill hole distance, vertical Atterial specifications Flammability rating according to UL 94 Contact material Contact surface material Contact carrier material PA Standards/regulations PA: Fire protection in rail vehicles - requirement sets R22, and R24 acc. to DIN EN 45545-2 (Risk level HL1 - HL3) Cable/line Stripping length of the individual wire 12 mm Acchanical properties Mechanical data Insertion/withdrawal cycles Environmental and real-life conditions Ambient conditions Ambient temperature (operation) Constructional and testing regulations Constructional and testing regulations DIN EN 61984 DIN EN 60664 IEC 60352 Tests DIN EN 6984 DIN EN 6984 DIN EN 69864 IEC 60352	Height	74.2 mm
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Flammability rating according to UL 94 Contact material Contact surface material Contact surface material Contact carrier material Standards/regulations PA: Fire protection in rail vehicles - requirement sets R22, and R24 acc. to DIN EN 45545-2 (Risk level HL1 - HL3) Cable/line Stripping length of the individual wire 12 mm Mechanical properties Mechanical data Insertion/withdrawal cycles invironmental and real-life conditions Ambient conditions Ambient emperature (operation) Constructional and testing regulations DIN EN 61984 DIN EN 6664 IEC 60352 Tests DIN EN 61984 DIN EN 6664 IEC 60352	Drill hole distance, horizontal	
Flammability rating according to UL 94 Contact material Copper alloy Contact surface material Contact carrier material Standards/regulations PA: Fire protection in rail vehicles - requirement sets R22, and R24 acc. to DIN EN 45545-2 (Risk level HL1 - HL3) Cable/line Stripping length of the individual wire Stripping length of the individual wire 12 mm Mechanical properties Mechanical data Insertion/withdrawal cycles Environmental and real-life conditions Ambient conditions Ambient temperature (operation) Constructional and testing regulations Constructional and testing regulations DIN EN 61984 DIN EN 60664 IEC 60352 Tests DIN EN 61984 DIN EN 60664 IEC 60352	Drill hole distance, vertical	27 mm
Contact material Contact surface material Contact surface material Contact carrier material PA Standards/regulations PA: Fire protection in rail vehicles - requirement sets R22, and R24 acc. to DIN EN 45545-2 (Risk level HL1 - HL3) Cable/line Stripping length of the individual wire 12 mm Mechanical properties Mechanical data Insertion/withdrawal cycles Environmental and real-life conditions Ambient conditions Ambient temperature (operation) Constructional and testing regulations DIN EN 61984 DIN EN 60664 IEC 60352 Tests DIN EN 60664 IEC 60352	aterial specifications	
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Standards/regulations PA: Fire protection in rail vehicles - requirement sets R22, and R24 acc. to DIN EN 45545-2 (Risk level HL1 - HL3) Cable/line Stripping length of the individual wire 12 mm Mechanical properties Mechanical data Insertion/withdrawal cycles ≥ 500 Environmental and real-life conditions Ambient conditions 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	Contact surface material	Ag
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Testing	Testing	
Standards/regulations PA: Fire protection in rail vehicles - requirement sets R22, and R24 acc. to DIN EN 45545-2 (Risk level HL1 - HL3)	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
	Connectors may only be actuated 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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