

Contact insert - VC-D3-BU50-PE - 1855076

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Female contact carrier, for turned crimp contacts, type VC 3, 50-pos. + PE



Your advantages

- ✔ Positions 15, 30, 50, and 65 are available, in accordance with housing sizes VC 1 - VC 4.
- ✔ Contact types meet the requirements of IEC 60352/DIN EN 60352
- ✔ Contact carriers have two further capacitive PE contacts
- ✔ Pin and socket contacts can be used on both the plug and device sides
- ✔ The connection data of 250 V/10 A corresponds to that of the HEAVYCON DD series

Key Commercial Data

Packing unit	1 pc
Minimum order quantity	10 pc
GTIN	 4 017918 159368
GTIN	4017918159368
Weight per Piece (excluding packing)	49.600 g
Custom tariff number	85366990
Country of origin	Poland

Technical data

Electrical characteristics

Rated voltage	250 V
Rated voltage (III/3)	250 V
Rated current	10 A
	10 A

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Technical data

Electrical characteristics

Rated surge voltage	4 kV
Connection profile	50+PE

Ambient conditions

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

Conductor cross section	0.14 mm ² ... 1.5 mm ² (flexible)
Connection cross section AWG	22 ... 16
Stripping length of the individual wire	8 mm
Contact diameter	1.6 mm
Conductor cross section flexible max.	1.5 mm ²
Insertion/withdrawal cycles	>= 500

General

Note	Connectors may only be connected/disconnected when under no load.
Size	VC3
Series	VC-D
Connection method	Crimp connection
Contact type	turned
Flammability rating according to UL 94	V0
Degree of pollution	2

Material data

Contact material	CuZn
Contact carrier material	PA-GF

Standards and Regulations

Connection in acc. with standard	CUL
Flammability rating according to UL 94	V0

Environmental Product Compliance

	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Classifications

eCl@ss

eCl@ss 5.1	27261200
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Classifications

eCl@ss

eCl@ss 6.0	27261200
eCl@ss 7.0	27440205
eCl@ss 8.0	27440205
eCl@ss 9.0	27440205

ETIM

ETIM 2.0	EC000438
ETIM 3.0	EC000438
ETIM 4.0	EC000438
ETIM 5.0	EC000438
ETIM 6.0	EC000438
ETIM 7.0	EC000438

UNSPSC

UNSPSC 6.01	30211923
UNSPSC 7.0901	39121522
UNSPSC 11	39121522
UNSPSC 12.01	39121522
UNSPSC 13.2	39121522

Approvals


Approvals

Approvals

UL Recognized / cUL Recognized / EAC / cULus Recognized

Ex Approvals

Approval details

UL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 118976
Nominal voltage UN	250 V		
Nominal current IN	4 A		

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EAC		B.01742
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cULus Recognized	
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Accessories

Accessories

Assembly tool

Contact removal tool - VC-EW 1,6 - 1884869



Contact removal tool, for turned and rolled CK- 1.6-... contacts

Assembly tool - UNIFOX MT-CK 1.6/2.5 - 1089092



Assembly tool, for CK 1.6... crimp contacts for small conductor cross sections

Crimp contact

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Accessories

Crimp contact - CK1,6-ED-0,37BU AG - 1663394



Turned 1.6 crimp contact, individual female contact, core diameter 0.14 to 0.37 mm², silver-plated

Crimp contact - CK1,6-ED-0,37BU AU - 1674969



Turned 1.6 crimp contact, individual female contact, core diameter 0.14 to 0.37 mm², gold-plated

Crimp contact - CK1,6-ED-0,50BU AG - 1663404



Turned 1.6 crimp contact, individual female contact, core diameter 0.5 mm², silver-plated

Crimp contact - CK1,6-ED-0,50BU AU - 1674480



Turned 1.6 crimp contact, individual female contact, core diameter 0.5 mm², gold-plated

Crimp contact - CK1,6-ED-0,75BU AG - 1663417



Turned 1.6 crimp contact, individual female contact, core diameter 0.75 mm², silver-plated

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Accessories

Crimp contact - CK1,6-ED-0,75BU AU - 1672440



Turned 1.6 crimp contact, individual female contact, core diameter 0.75 mm², gold-plated

Crimp contact - CK1,6-ED-1,00BU AG - 1663420



Turned 1.6 crimp contact, individual female contact, core diameter 0.75 to 1.00 mm², silver-plated

Crimp contact - CK1,6-ED-1,00BU AU - 1674943



Turned 1.6 crimp contact, individual female contact, core diameter 0.75 to 1.00 mm², gold-plated

Crimp contact - CK1,6-ED-1,50BU AG - 1663433



Turned 1.6 crimp contact, individual female contact, core diameter 1.5 mm², silver-plated

Crimp contact - CK1,6-ED-1,50BU AU - 1674930



Turned 1.6 crimp contact, individual female contact, core diameter 1.5 mm², gold-plated

Crimping tool

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Accessories

Crimping pliers - CRIMPFOX-1,6/2,5-ED-4,0 - 1687419



Crimping pliers, for turned contacts, CK 1.6 ED... and CK 2.5 ED...

Fiber optics contact

Female contact - CK1,6-ED-BU-POF - 1885004



POF fiber optic socket contact, turned, for contact carriers (HC-DD...I-CT.../ HC-M-12-CT-F.../ HC-M-17-CT-F...) of CK1,6-ED... contacts

Panel mounting flange

Mounting flange - VC-D-AF - 1855319



Panel mounting flange for screw locking, for fixing the crimp contact insert to the housing panel, with two M3 threaded holes and one M4 threaded hole

Contact insertion and removal tool - EWR - 1665075



Contact insertion and removal tool, for male/female contacts, diameter 1 mm, 0.14 mm² - 0.56 mm², AWG 26-20