

Contact insert - HC-K10/26-EBUC - 1580535

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)



Socket crimp contact carriers, number of positions 10 (250 V) /16 (400 V) /10 (1000 V), for HEAVYCON housing designs B16 and B32 (order crimp contacts CK1,6-ED... separately)

RoHS

Key Commercial Data

Packing unit	10 pc
GTIN	 4 046356 463317
GTIN	4046356463317

Technical data

General

Note	For HEAVYCON ADVANCE and HEAVYCON housing of type B16, crimp contacts: CK 1,6-ED... (not included in scope of supply)
Connection method	Crimp connection
Number of connections per position	1
Degree of pollution	3
Overvoltage category	III
Number of positions	10+16+10+2PE
No. of power contacts	10
No. of control contacts	26
Insertion/withdrawal cycles	≥ 500
Size	B16
Conductor cross section	0.14 mm² ... 2.5 mm²
Connection cross section AWG	26 ... 14
Stripping length of the individual wire	8 mm
	6 mm (2.5 mm²)
Assembly instructions	To ensure correct use, installation in housing with IP54 protection or better is required

Contact insert - HC-K10/26-EBUC - 1580535

Technical data

General

Connection	For B16 type housings, connectors may only be inserted when there is no load/the power is switched off.
------------	---

Ambient conditions

Ambient temperature (operation)	-40 °C ... 125 °C (including heating up of contacts)
Ambient temperature (assembly)	-40 °C ... 125 °C

Material data

Contact material	Copper alloy
Contact surface material	Ag (alternatively Au)
Contact carrier material	PA

Electrical characteristics

Rated voltage (III/3)	250 V (5-9/28-32 pos.)
	400 V (1-4/10-13/24-27/33-36 pos.)
	1000 V (14-23 pos.)
Rated surge voltage	4 kV (5-9/28-32 pos.)
	6 kV (1-4/10-13/24-27/33-36 pos.)
	8 kV (14-23 pos.)
Rated current	10 A

Standards and Regulations

Constructional and testing regulations	DIN VDE 0627/86
	DIN VDE 0110/02.79
	DIN VDE 0110-1/04.97
	IEC 60664-1, DIN IEC 60512
	IEC 60352
Flammability rating according to UL 94	V0

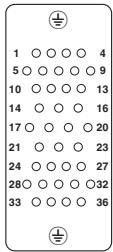
Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

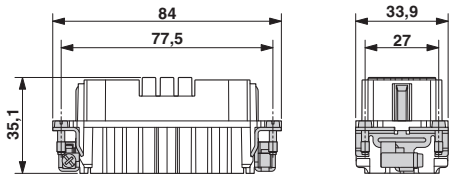
Drawings

Contact insert - HC-K10/26-EBUC - 1580535

Schematic diagram



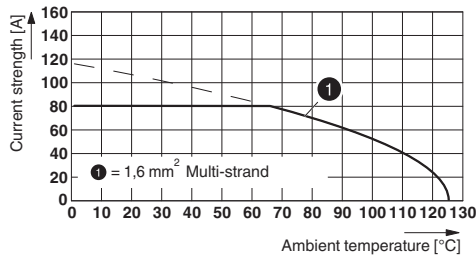
Dimensional drawing



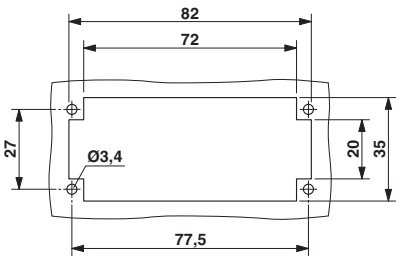
Connector pin assignment, connection side

Dimensional drawing

Diagram



Dimensional drawing



Derating diagram

Mounting cutout when used without housing

Approvals

Approvals

Approvals

GL / EAC

Ex Approvals

Approval details

GL		http://exchange.dnv.com/tari/	6196614 HH
----	---	---	------------

EAC		RU C- DE.AI30.B.01102
-----	---	--------------------------

Phoenix Contact 2018 © - all rights reserved
<http://www.phoenixcontact.com>

PHOENIX CONTACT GmbH & Co. KG
Flachsmarktstr. 8
32825 Blomberg
Germany
Tel. +49 5235 300
Fax +49 5235 3 41200
<http://www.phoenixcontact.com>

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Phoenix Contact:

1580535