

Contact insert - HC-K 4/8-ESTS - 1679333

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>)



HEAVYCON male insert, K4/8 series, for 4 power and 8 control contacts, screw connection without wire protection



Key Commercial Data

Packing unit	1 pc
GTIN	
GTIN	4017918163570

Technical data

General

Note	For housing HC-B24
	Connectors may be operated only when there is no load/voltage.
Connection method	Screw connection (power contacts)
	Screw connection (control contacts)
Tightening torque	2 Nm (Power contact, 2.5 mm ²)
	3 Nm (Power contact, 4 ... 16 mm ²)
	0.5 Nm (control contacts)
	1.2 Nm (Power contact, 1.5 mm ²)
Degree of pollution	3
Overvoltage category	III
Number of positions	4+8+2PE
No. of power contacts	4
No. of control contacts	8
Insertion/withdrawal cycles	≥ 500
Size	B24
Contact numbering	1 - 4
Conductor cross section	1.5 mm ² ... 16 mm ² (power contacts)

Contact insert - HC-K 4/8-ESTS - 1679333

Technical data

General

	0.5 mm ² ... 2.5 mm ² (control contacts)
Connection cross section AWG	16 ... 6 (power contacts)
	20 ... 14 (control contacts)
Stripping length of the individual wire	14 mm (Power contact)
	7 mm (control contact)
Assembly instructions	To ensure correct use, installation in housing with IP54 protection or better is required
Connection	Use wire end protection (screw connections do not have wire protection)

Ambient conditions

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

Material data

Contact material	Copper alloy
Contact surface material	Ag (alternatively Au)
Material of contact surface, power contact	Ag
Material of contact surface, control contact	Ag
Contact carrier material	PA

Electrical characteristics

Rated voltage (III/3)	400 V (power contacts)
	400 V (control contacts)
Rated surge voltage	6 kV (power contacts)
	6 kV (control contacts)
Rated current	80 A (power contacts)
	16 A (control contacts)

Standards and Regulations

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

Environmental Product Compliance

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

Approvals

Approvals

Approvals


UL Recognized / EAC


Contact insert - HC-K 4/8-ESTS - 1679333

Approvals

Ex Approvals

Approval details

UL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	E118976
Nominal voltage UN		600 V	
Nominal current IN		16 A	
mm ² /AWG/kcmil		14	

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

Phoenix Contact 2019 © - 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>