

Connector - HC-A3-BUQ1,5-KML-G-PA - 1641617

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HEAVYCON QUICKON coupling housing A3, with single locking latch, 3-pos., with PE connection, socket, QUICKON connection, straight cable outlet



Key Commercial Data

Packing unit	1 STK
GTIN	
GTIN	4017918899370

Technical data

General

Connection	If the conductor is reconnected, it must be cut off above the last contact point. QUICKON components may only be operated when under no load.
Type	Socket
	D7
Housing type	Coupling housings
Locking type	with single locking latch
Connection method	QUICKON connection
	QUICKON fast connection
Number of positions	3
Wrench size, union nut	19 mm
Tightening torque, union nut	3 Nm
Conductor cross section flexible min.	0.75 mm ²
Conductor cross section flexible max.	1.5 mm ²
Conductor cross section AWG min.	18
Conductor cross section AWG max.	16

Cabel

Structure of individual litz in acc. with VDE 0295 / smallest wire diameter	VDE 0295 Cl.2-5, min. wire diameter 0.2 mm
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Technical data

Cabel

Wire insulation material	PVC / PE
Wire diameter including insulation	1.8 mm ... 3 mm
External cable diameter	6 mm ... 12 mm

Ambient conditions

Degree of protection	IP65
Ambient temperature (operation)	-25 °C ... 80 °C
Ambient temperature (storage/transport)	-25 °C ... 80 °C
Temperature when conductor connected	-5 °C ... 50 °C (specifications of the cable manufacturer must also be observed)

Electrical characteristics

Rated current	10 A
Note on the rated voltage (III/3)	230/400 V
Rated surge voltage (III/3)	4 kV
Rated surge voltage (III/2)	4 kV
Rated surge voltage (II/2)	4 kV

Mechanical characteristics

QUICKON connectability	10 (For the same conductor cross section)
Insertion/withdrawal cycles	>= 500

Material data

Contact material	Copper alloy
Contact surface material	Ag
Contact carrier material	PA / PC
Insulating material	PA
Flammability rating according to UL 94	V0
Overvoltage category	III
Degree of pollution	3

Standards and Regulations

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

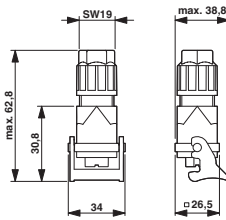
Environmental Product Compliance

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

Drawings

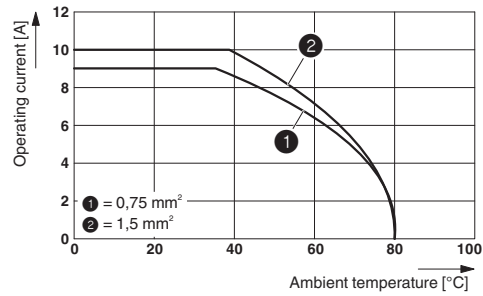
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Dimensional drawing



Dimensional drawing

Diagram



Derating diagram: A series

Approvals

Approvals

Approvals

UL Recognized / cUL Recognized / EAC / EAC / GL / 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	600 V		
Nominal current IN	10 A		
mm²/AWG/kcmil	18-16		

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EAC		EAC-Zulassung
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Approvals

EAC			RU C- DE.AI30.B.01102
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GL		http://exchange.dnv.com/tari/	6196614 HH
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cULus Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	
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