

Plug-in 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 PCE
Catalog page	Page 507 (PC-2011)
GTIN	 4 017918 899370
Custom tariff number	85366990
Country of origin	GERMANY

Technical data

General characteristics

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
Design	D7
Housing type	Coupling housings
Locking type	With single locking latch
Connection method	QUICKON connection
Number of positions	3
Wrench size, union nut	19 mm
Tightening torque, union nut	3 Nm
Conductor cross section stranded min.	0.75 mm ²
Conductor cross section stranded max.	1.5 mm ²
Conductor cross section AWG/kcmil min.	18

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Technical data

General characteristics

Conductor cross section AWG/kcmil max	16
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Conductor data

Structure of individual litz in acc. with VDE 0295 / smallest wire diameter	VDE 0295 Cl.2-5, min. wire diameter 0.2 mm
Wire insulation material	PVC/PE
Wire diameter including insulation	1.8 mm ... 3 mm
External cable diameter	6 mm ... 12 mm

Environmental 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
Inflammability class according to UL 94	V0
Surge voltage category	III
Pollution degree	3

Classifications

ETIM

ETIM 2.0	EC000516
ETIM 3.0	EC000516

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Classifications

ETIM

ETIM 4.0	EC000516
ETIM 5.0	EC000437

UNSPSC

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

eCl@ss

eCl@ss 4.0	27140815
eCl@ss 4.1	27140815
eCl@ss 5.0	27143423
eCl@ss 5.1	27143423
eCl@ss 6.0	27143423
eCl@ss 7.0	27449001

Accessories

Accessories

Tools

Socket wrench - QSS 19 - 1670895



Socket wrench, for tightening and unscrewing the QUICKON union nut, wrench size 19 mm

Connector - Q 1,5/4IDC/24-24KU-KU BK PE - 1642182

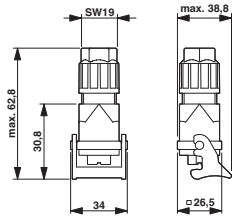


QUICKON cable connector, black, 3+PE-pos., 0.75 mm² ... 1.5 mm² /500 V/15 A, for a cable diameter of 6 mm ... 12 mm.

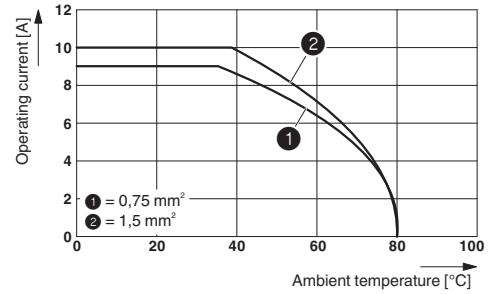
Drawings

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Dimensioned drawing



Diagram



Derating diagram: A series