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Printed-circuit board connector - QC 1/ 3-ST-BUS - 1921683

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Plug component, Nominal current: 10 A, Rated voltage (III/2): 630 V, Number of positions: 3, Pitch: 5 mm, Connection method: Displacement connection, Color: green, Contact surface: Tin, The plug allows conductors to be looped through from module to module, without interruption

The illustration shows a 6-position version

Why buy this product

- Reduced wiring time since conductor pretreatment is no longer necessary
- Connection according to EN 60352-4
- For stranded conductors with PVC or PE insulation
- Bus plug version
- Integrated 1.2 mm Ø test connection



Key Commercial Data

Packing unit	50 STK
GTIN	 4 017918 606251

Technical data

Dimensions

Pitch	5.00 mm
Dimension a	10 mm

General

Range of articles	QC 1/...-ST-BUS
Insulating material group	I
Rated surge voltage (III/3)	6 kV
Rated surge voltage (III/2)	6 kV
Rated surge voltage (II/2)	6 kV
Rated voltage (III/3)	500 V
Rated voltage (III/2)	630 V

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Technical data

General

Rated voltage (II/2)	1000 V
Connection in acc. with standard	EN-VDE
Nominal current I _N	10 A
Nominal cross section	1 mm ²
Maximum load current	10 A (with 1 mm ² conductor cross section)
Insulating material	PA
Flammability rating according to UL 94	V0
Number of positions	3

Connection data

Conductor cross section flexible min.	0.5 mm ²
Conductor cross section flexible max.	1 mm ²
Conductor cross section AWG min.	20
Conductor cross section AWG max.	18
Minimum AWG according to UL/CUL	22
Maximum AWG according to UL/CUL	18
Wire diameter incl. insulation	2.5 mm

Standards and Regulations

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

Classifications

eCl@ss

eCl@ss 4.0	272607xx
eCl@ss 4.1	27260701
eCl@ss 5.0	27260701
eCl@ss 5.1	27260701
eCl@ss 6.0	27260704
eCl@ss 7.0	27440402
eCl@ss 8.0	27440309

ETIM

ETIM 3.0	EC001121
ETIM 4.0	EC002638
ETIM 5.0	EC002638

UNSPSC

UNSPSC 6.01	30211810
UNSPSC 7.0901	39121409

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Classifications

UNSPSC

UNSPSC 11	39121409
UNSPSC 12.01	39121409
UNSPSC 13.2	39121409

Approvals

Approvals

Approvals

UL Recognized / VDE Gutachten mit Fertigungsüberwachung / cUL Recognized / IECCE CB Scheme / EAC / cULus Recognized

Ex Approvals

Approvals submitted

Approval details

UL Recognized		
	B	D
mm ² /AWG/kcmil	22-18	22-18
Nominal current I _N	10 A	10 A
Nominal voltage U _N	300 V	300 V

VDE Gutachten mit Fertigungsüberwachung	
mm ² /AWG/kcmil	0.75-1
Nominal current I _N	10 A
Nominal voltage U _N	250 V

cUL Recognized		
	B	D
mm ² /AWG/kcmil	22-18	22-18
Nominal current I _N	10 A	10 A

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Approvals

	B	D
Nominal voltage UN	300 V	300 V

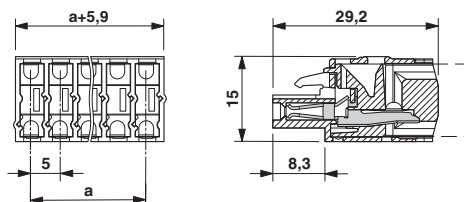
IECEE CB Scheme	
mm ² /AWG/kcmil	0.75-1
Nominal current I _N	10 A
Nominal voltage UN	250 V

EAC

cULus Recognized

Drawings

Dimensional drawing



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Product	Code	Reference	Product link
Plug component, Nominal current: 10 A, Rated voltage (III/2): 630 V, Number of positions: 3, Pitch: 5 mm, Connection method: Insulation displacement connection QUICKON, Color: green, Contact surface: Tin, The plug allows conductors to be looped through from module to module, without interruption	1921683	QC 1/ 3-ST-BUS	Buy on EAN