Printed-circuit board connector - QC 0,5/ 9-STF-3,81 - 1897610

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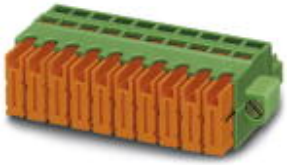
Plug component, Nominal current: 6 A, Rated voltage (III/2): 200 V, Number of positions: 9, Pitch: 3.81 mm, Connection method: Insulation displacement connection QUICKON, Color: green, Contact surface: Tin



The figure shows a 10-position version of the product

Why buy this product

- Reduced wiring time since conductor pretreatment is no longer necessary
- Stranded conductors from 0.34 to 0.5 mm² with PVC or PE insulation
- Connection according to EN 60352-4
- Integrated 1.2 mm Ø test connection

Key commercial data

Packing unit	50 pc
Minimum order quantity	50 pc
GTIN	4 017918 165116
Weight per Piece (excluding packing)	9.38 g
Custom tariff number	85366990
Country of origin	Poland
Note	Made to Order (non-returnable)

Technical data

Dimensions

Pitch	3.81 mm
Dimension a	30.48 mm

General

Range of articles	QC 0,5/..-STF
Insulating material group	I
Rated surge voltage (III/3)	4 kV
Rated surge voltage (III/2)	4 kV
Rated surge voltage (II/2)	4 kV

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Technical data

General

Rated voltage (III/3)	200 V
Rated voltage (III/2)	200 V
Rated voltage (II/2)	400 V
Connection in acc. with standard	EN-VDE
Nominal current I_N	6 A
Nominal cross section	0.5 mm²
Maximum load current	6 A (with 0.5 mm² conductor cross section)
Insulating material	PA
Inflammability class according to UL 94	V0
Number of positions	9

Connection data

Conductor cross section stranded min.	0.34 mm²
Conductor cross section stranded max.	0.5 mm²
Conductor cross section AWG/kcmil min.	22
Conductor cross section AWG/kcmil max	20
Minimum AWG according to UL/CUL	24
Maximum AWG according to UL/CUL	20
Wire diameter incl. insulation	2.2 mm

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
UNSPSC 11	39121409
UNSPSC 12.01	39121409
UNSPSC 13.2	39121409

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Approvals

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

Ex Approvals

Approvals submitted

Approval details

UL Recognized

	B	C
mm²/AWG/kcmil	24-20	24-20
Nominal current IN	6 A	6 A
Nominal voltage UN	300 V	300 V

VDE Gutachten mit Fertigungsüberwachung

mm²/AWG/kcmil	0.34-0.5
Nominal current IN	5 A
Nominal voltage UN	320 V

cUL Recognized

	B	C
mm²/AWG/kcmil	24-20	24-20
Nominal current IN	6 A	6 A
Nominal voltage UN	300 V	300 V

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Approvals

IECEE CB Scheme

mm²/AWG/kcmil	0.34-0.5
Nominal current IN	5 A
Nominal voltage UN	320 V

CCA

mm²/AWG/kcmil	0.34-0.5
Nominal current IN	5 A
Nominal voltage UN	320 V

EAC

cULus Recognized

Accessories

Accessories

Labeled terminal marker

Marker card - SK 3,81/2,8:FORTL.ZAHLEN - 0804109

Marker card, Card, white, labeled, Horizontal: Consecutive numbers 1 - 10, 11 - 20, etc. up to 91 - (99)100, Mounting type: Adhesive, for terminal block width: 3.81 mm, Lettering field: 3.81 x 2.8 mm

Screwdriver tools

Screwdriver - SZS 0,4X2,0 - 1205202

Micro screwdriver, bladed, size: 0.4 x 2.0 x 60 mm, 2-component grip, with non-slip grip and twist cap

Additional products

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Accessories

Base strip - DFK-MC 1,5/ 9-GF-3,81 - 1829400

Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 9, Pitch: 3.81 mm, Connection method: Solder/Slip-on connection, Color: green, Contact surface: Tin, Mounting: Direct mounting

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Base strip - MCDV 1,5/ 9-G1F-3,81 - 1842830

Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 9, Pitch: 3.81 mm, Color: green, Contact surface: Tin, Mounting: Soldering, In combination with MCV plug components, both an MCVW and an MCVR plug must be used.

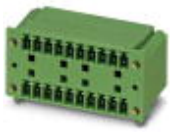
Base strip - MCDV 1,5/ 9-GF-3,81 - 1830321

Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 9, Pitch: 3.81 mm, Color: green, Contact surface: Tin, Mounting: Soldering, In combination with MCV plug components, both an MCVW and an MCVR plug must be used.

Base strip - MCD 1,5/ 9-GF-3,81 - 1830172

Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 9, Pitch: 3.81 mm, Color: green, Contact surface: Tin, Mounting: Soldering, In combination with MCV plug components, both an MCVW and an MCVR plug must be used.

Base strip - MCD 1,5/ 9-G1F-3,81 - 1842982



Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 9, Pitch: 3.81 mm, Color: green, Contact surface: Tin, Mounting: Soldering, In combination with MCV plug components, both an MCVW and an MCVR plug must be used.

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Accessories

Printed-circuit board connector - IMC 1,5/ 9-STGF-3,81 - 1858109

Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 9, Pitch: 3.81 mm, Connection method: Screw connection, Color: green, Contact surface: Tin

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Base strip - MCVU 1,5/ 9-GFD-3,81 - 1833098

Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 9, Pitch: 3.81 mm, Connection method: Screw connection, Color: green, Contact surface: Tin, Mounting: Direct mounting

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Base strip - MCVK 1,5/ 9-GF-3,81 - 1832947

Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 9, Pitch: 3.81 mm, Connection method: Screw connection, Color: green, Contact surface: Tin, Mounting: DIN rail

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Base strip - MCV 1,5/ 9-GF-3,81 - 1830664

Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 9, Pitch: 3.81 mm, Color: green, Contact surface: Tin, Mounting: Soldering

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Base strip - MC 1,5/ 9-GF-3,81 - 1827936

Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 9, Pitch: 3.81 mm, Color: green, Contact surface: Tin, Mounting: Soldering

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Accessories

Base strip - MC 1,5/ 9-GF-3,81 THT - 1909100

Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 9, Pitch: 3.81 mm, Color: black, Contact surface: Tin, Mounting: SMD/THT/THR, User information and design recommendations for through hole reflow technology can be found under “Downloads”

Base strip - SMC 1,5/ 9-GF-3,81 - 1827499

Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 9, Pitch: 3.81 mm, Color: green, Contact surface: Tin, Mounting: Soldering

Base strip - EMCV 1,5/ 9-GF-3,81 - 1879353

Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 9, Pitch: 3.81 mm, Color: green, Contact surface: Tin, Mounting: Press-in

Base strip - EMC 1,5/ 9-GF-3,81 - 1897018

Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 9, Pitch: 3.81 mm, Color: green, Contact surface: Tin, Mounting: Press-in

Drawings

Dimensioned drawing