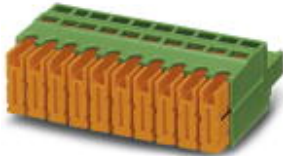


Printed-circuit board connector - QC 1/10-ST-5.08 - 1883336

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Plug component, Nominal current: 10 A, Rated voltage (III/2): 630 V, Number of positions: 10, Pitch: 5.08 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
- ☒ Connection according to EN 60352-4
- ☒ For stranded conductors with PVC or PE insulation
- ☒ Integrated 1.2 mm Ø test connection
- ☒ Bus plug version



Key commercial data

Packing unit	1
Minimum order quantity	50
Catalog page	Page 264 (CC-2011)
GTIN	 4 017918 157791
Custom tariff number	85366990
Country of origin	POLAND

Technical data

Dimensions / positions

Pitch	5.08 mm
Dimension a	45.72 mm
Number of positions	10

Technical data

Range of articles	QC 1/...-ST
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

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Technical data

Technical data

Rated voltage (III/2)	630 V
Rated voltage (II/2)	1000 V
Connection in acc. with standard	EN-VDE
Nominal current I_N	10 A
Nominal voltage U_N	500 V
Nominal cross section	1 mm ²
Maximum load current	10 A (with 1 mm ² conductor cross section)
Insulating material	PA
Inflammability class according to UL 94	V0
Nominal voltage, UL/CUL Use Group B	300 V
Nominal current, UL/CUL Use Group B	10 A
Nominal voltage, UL/CUL Use Group D	300 V
Nominal current, UL/CUL Use Group D	10 A

Connection data

Conductor cross section stranded min.	0.5 mm ²
Conductor cross section stranded max.	1 mm ²
Conductor cross section AWG/kcmil min.	20
Conductor cross section AWG/kcmil max	18
Minimum AWG according to UL/CUL	22
Maximum AWG according to UL/CUL	18

Classifications

ETIM

ETIM 3.0	EC001121
ETIM 4.0	EC002638
ETIM 5.0	EC002638

UNSPSC

UNSPSC 11	39121409
UNSPSC 12.01	39121409
UNSPSC 13.2	39121409
UNSPSC 6.01	30211810
UNSPSC 7.0901	39121409

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

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Approvals

Approvals

Approvals

UL Recognized / VDE Gutachten mit Fertigungsüberwachung / cUL Recognized / GOST / IEC EE CB Scheme / GOST / 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
Nominal voltage U _N	300 V	300 V

GOST 	
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Approvals

IECEE CB Scheme 	
mm²/AWG/kcmil	0.75-1
Nominal current IN	10 A
Nominal voltage UN	250 V

GOST 
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cULus Recognized 
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Accessories

Accessories

Marking

Marker cards - SK 5,08/3,8:FORTL.ZAHLEN - 0804293



Marker cards, Card, white, labeled, Horizontal: Consecutive numbers 1 - 10, 11 - 20, etc. up to 91 - (99)100, Mounting type: Adhesive, For terminal block width: 5.08 mm

Plug/Adapter

Coding profile - CP-MSTB - 1734634



Keying profile, is inserted into the slot on the plug or inverted header, red insulating material

Tools

Screwdriver - SZF 0-0,4X2,5 - 1204504



Actuation tool, for ST terminal blocks, also suitable for use as a bladed screwdriver, size: 0.4 x 2.5 x 75 mm, 2-component grip, with non-slip grip

Printed-circuit board connector - QC 1/10-ST-5.08 - 1883336

Accessories

Additional products

Feed-through terminal block - ZFKK 1,5-MSTBV-5,08 - 1873016



Feed-through terminal block, Connection method: Special and hybrid connection, MSTB plug entry, Cross section: 0.2 mm² - 2.5 mm², Width: 5.08 mm, Color: gray, Mounting: NS 35/7.5, NS 35/15 / Ex data new / /

Base strip - MVSTBU 2,5/10-GB-5,08 - 1788619



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 10, Pitch: 5.08 mm, Connection method: Screw connection, Color: green, Contact surface: Tin, Assembly: Direct mounting

Plug-in block - UMSTBVK 2,5/10-G-5,08 - 1788198



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 10, Pitch: 5.08 mm, Connection method: Screw connection, Color: green, Contact surface: Tin, Assembly: DIN rail

Housing - MSTBHK 2,5/10-G-5,08 - 1765030



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 10, Pitch: 5.08 mm, Connection method: Screw connection, Color: green, Contact surface: Tin, Assembly: DIN rail

Feed-through terminal block - UK 3D-MSTBV-5,08 - 3002131



Feed-through terminal block, Connection method: Special and hybrid connection, Cross section: 0.2 mm² - 4 mm², AWG: 24 - 12, Width: 5.08 mm, Color: gray, Mounting type: NS 32, NS 35/15, NS 35/7.5

Printed-circuit board connector - QC 1/10-ST-5.08 - 1883336

Accessories

Feed-through terminal block - UK 3-MSTB-5,08 - 3002034



Feed-through terminal block, Connection method: Special and hybrid connection, Cross section: 0.2 mm² - 4 mm², AWG: 24 - 12, Width: 5.08 mm, Color: gray, Mounting type: NS 32, NS 35/15, NS 35/7.5

Double-level terminal block - UKK 3-MSTB-5,08 - 2770888



Double-level modular terminal block with COMBICON plug-in zone, nominal current: 12 A, nominal voltage: 250 V, cross section: 0.2 mm² - 4 mm², AWG: 24 - 12, mounting type: NS 35/7.5, NS 35/15, NS 32, pitch: 5.08 mm, width: 5.08, color: gray

Feed-through terminal block - UK 3-MVSTB-5,08-LA 24RD - 3002102



Feed-through terminal block, Nominal current: 12 A, Nominal voltage: 250 V, Cross section: 0.2 mm² - 4 mm², AWG: 24 - 12, Mounting type: NS 32, NS 35/15, NS 35/7.5, Pitch: 5.08 mm, Width: 5.08, Color: gray

Feed-through terminal block - UK 3-MVSTB-5,08 - 3002076



Feed-through terminal block, Nominal current: 12 A, Nominal voltage: 250 V, Cross section: 0.2 mm² - 4 mm², AWG: 24 - 12, Mounting type: NS 32, NS 35/15, NS 35/7.5, Pitch: 5.08 mm, Width: 5.1, Color: gray

Feed-through terminal block - UKK 3-MSTBVH-5,08 - 2770846



Feed-through terminal block, Nominal current: 12 A, Nominal voltage: 250 V, Cross section: 0.2 mm² - 4 mm², AWG: 24 - 12, Mounting type: NS 35/7.5, NS 35/15, NS 32, Pitch: 5.08 mm, Width: 5.08, Color: gray

Base strip - MSTBVK 2,5/10-G-5,08 - 1788800



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 10, Pitch: 5.08 mm, Connection method: Screw connection, Color: green, Contact surface: Tin, Assembly: DIN rail

Printed-circuit board connector - QC 1/10-ST-5.08 - 1883336

Accessories

Feed-through terminal block - UKK 3-MSTB-5,08-PE - 1876615



Feed-through terminal block, Nominal current: 12 A, Nominal voltage: 320 V, Cross section: 0.2 mm² - 4 mm², AWG: 24 - 12, Mounting type: NS 35/7.5, NS 35/15, NS 32, Pitch: 5.08 mm, Width: 5.08, Color: green-yellow

Base strip - MSTBA 2,5/10-G-5,08-LA - 1768024



Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 10, Pitch: 5.08 mm, Color: green, Contact surface: Tin, Assembly: Soldering

Base strip - MSTBA 2,5/10-G-5,08 - 1757323



Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 10, Pitch: 5.08 mm, Color: green, Contact surface: Tin, Assembly: Soldering

Base strip - MSTB 2,5/10-G-5,08-LA - 1770795



Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 10, Pitch: 5.08 mm, Color: green, Contact surface: Tin, Assembly: Soldering

Base strip - MDSTBV 2,5/10-G1-5,08 - 1762583



Header, Nominal current: 10 A, Rated voltage (III/2): 320 V, Number of positions: 10, Pitch: 5.08 mm, Color: green, Contact surface: Tin, Assembly: Soldering, In combination with MVSTB or FKCV plug components, both an MVSTBW (or FKCVW) and an MVSTBR plug (or FKCVR) must be used. Combination with TMSTBP plug components is not possible!

Printed-circuit board connector - QC 1/10-ST-5.08 - 1883336

Accessories

Base strip - MDSTB 2,5/10-G1-5,08 - 1762457



Header, Nominal current: 10 A, Rated voltage (III/2): 320 V, Number of positions: 10, Pitch: 5.08 mm, Color: green, Contact surface: Tin, Assembly: Soldering, In combination with MVSTB or FKCV plug components, both an MVSTBW (or FKCVW) and an MVSTBR plug (or FKCVR) must be used. Combination with TMSTBP plug components is not possible!

Base strip - SMSTBA 2,5/10-G-5,08 - 1767452



Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 10, Pitch: 5.08 mm, Color: green, Contact surface: Tin, Assembly: Soldering

Base strip - SMSTB 2,5/10-G-5,08 - 1769544



Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 10, Pitch: 5.08 mm, Color: green, Contact surface: Tin, Assembly: Soldering

Printed-circuit board connector - ICC 2,5/10-STZ-5,08 - 1823927



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 10, Pitch: 5.08 mm, Connection method: Crimp connection, Color: green, Corresponding male crimp contacts with current [A] and conductor cross section range [mm²] data: 10A/ICC-MT 0,5-1,0 (3190577); 10A/ICC-MT 0,5-1,0 BA (3190603); 12A/ICC-MT 1,5-2,5 (3190580); 12A/ICC-MT 1,5-2,5 BA (3190593). BA = Bandkontakte

Drawings

Dimensioned drawing

