

## Plug - QC 1,5/ 9-STF - 1718180

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Plug component, Nominal current: 12 A, Rated voltage (III/2): 630 V, Number of positions: 9, Pitch: 5 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

- Versions with and without screw flange
- This connection technology is suitable for cables with PVC and PE insulation.
- Compatible with MSTB 2,5 headers, IC 2,5 and ICC 2,5 plugs
- Plug-in direction parallel to the conductor axis
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- Low design height of the MSTBC 2,5 plug range
- Easy operation thanks to IDC connection



### Key commercial data

Packing unit	50 pc
Minimum order quantity	50 pc
GTIN	 4 046356 140454
Weight per Piece (excluding packing)	25.82 g
Custom tariff number	85366990
Country of origin	Germany
Note	Made to Order (non-returnable)

### Technical data

#### Dimensions

Pitch	5 mm
Dimension a	40 mm

#### General

Range of articles	QC 1,5/...STF
Insulating material group	I

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## Technical data

### General

Rated surge voltage (III/3)	4 kV
Rated surge voltage (III/2)	4 kV
Rated surge voltage (II/2)	4 kV
Rated voltage (III/3)	500 V
Rated voltage (III/2)	630 V
Rated voltage (II/2)	1000 V
Connection in acc. with standard	EN-VDE
Nominal current $I_N$	12 A
Nominal cross section	1.5 mm <sup>2</sup>
Maximum load current	12 A
Insulating material	PA
Inflammability class according to UL 94	V0
Number of positions	9

### Connection data

Conductor cross section solid min.	0.2 mm <sup>2</sup>
Conductor cross section solid max.	1.5 mm <sup>2</sup>
Conductor cross section stranded min.	0.2 mm <sup>2</sup>
Conductor cross section stranded max.	1.5 mm <sup>2</sup>
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max	16
Minimum AWG according to UL/CUL	24
Maximum AWG according to UL/CUL	16
Wire diameter incl. insulation	3 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

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## Classifications

### UNSPSC

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

## Approvals

### Approvals

#### Approvals

UL Recognized / cUL Recognized / EAC / cULus Recognized

#### Ex Approvals

#### Approvals submitted

## Approval details


UL Recognized		
	B	D
mm <sup>2</sup> /AWG/kcmil	24-16	24-16
Nominal current IN	10 A	10 A
Nominal voltage UN	300 V	300 V

cUL Recognized		
	B	D
mm <sup>2</sup> /AWG/kcmil	24-16	24-16
Nominal current IN	10 A	10 A
Nominal voltage UN	300 V	300 V

EAC
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## Approvals

cULus Recognized  US

## Drawings

Dimensioned drawing

