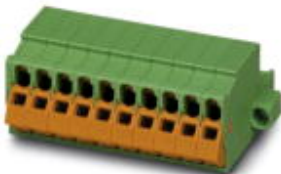


## Plug - QC 1,5/ 8-STF - 1718177

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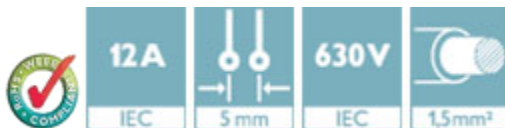
Plug component, Nominal current: 12 A, Rated voltage (III/2): 630 V, Number of positions: 8, Pitch: 5 mm, Connection method: Displacement connection, Color: green, Contact surface: Tin



The figure shows a 10-position version of the product

### Product Features

- 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
- Versions with and without screw flange
- Plug-in direction parallel to the conductor axis
- Plug-in direction parallel to the conductor axis
- Low design height of the MSTBC 2,5 plug range
- Easy operation thanks to IDC connection



### Key Commercial Data

Packing unit	1 pc
Minimum order quantity	50 pc
Weight per Piece (excluding packing)	22.77 g
Custom tariff number	85366990
Country of origin	Germany

### Technical data

#### Dimensions

Pitch	5.00 mm
Dimension a	35 mm

#### General

Range of articles	QC 1,5/...STF
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# Plug - QC 1,5/ 8-STF - 1718177

## Technical data

### General

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
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
Flammability rating according to UL 94	V0
Number of positions	8

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

## Plug - QC 1,5/ 8-STF - 1718177

### Classifications

#### eCl@ss

eCl@ss 6.0	27260704
eCl@ss 7.0	27440402
eCl@ss 8.0	27440309
eCl@ss 9.0	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

### Approvals

#### Approvals


##### Approvals

UL Recognized / cUL Recognized / EAC / 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 I <sub>N</sub>	10 A	10 A

## Plug - QC 1,5/ 8-STF - 1718177

### Approvals

	B	D
Nominal voltage UN	300 V	300 V

cUL Recognized 		
	B	D
mm²/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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EAC
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cULus Recognized  US
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### Accessories

#### Additional products

Base strip - MSTB 2,5/ 8-GF - 1776757

Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 8, Pitch: 5 mm, Color: green, Contact surface: Tin, Mounting: Wave soldering



Base strip - MSTBV 2,5/ 8-GF - 1776948

Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 8, Pitch: 5 mm, Color: green, Contact surface: Tin, Mounting: Wave soldering



## Plug - QC 1,5/ 8-STF - 1718177

### Accessories

#### Base strip - MDSTBV 2,5/ 8-GF - 1846140



Header, Nominal current: 10 A, Rated voltage (III/2): 320 V, Number of positions: 8, Pitch: 5 mm, Color: green, Contact surface: Tin, Mounting: Wave soldering, The article can be aligned to create different nos. of positions! 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!

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#### Base strip - MDSTB 2,5/ 8-GF - 1846755



Header, Nominal current: 10 A, Rated voltage (III/2): 320 V, Number of positions: 8, Pitch: 5 mm, Color: green, Contact surface: Tin, Mounting: Wave soldering, The article can be aligned to create different nos. of positions! 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!

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#### Base strip - EMSTB 2,5/ 8-GF - 1900138



Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 8, Pitch: 5 mm, Color: green, Contact surface: Tin, Mounting: Press-in technology

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#### Base strip - EMSTBV 2,5/ 8-GF - 1915123



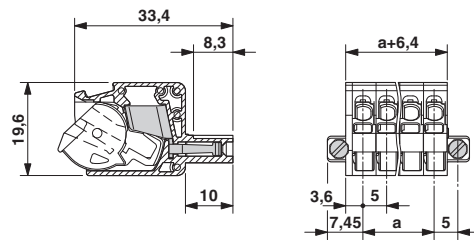
Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 8, Pitch: 5 mm, Color: green, Contact surface: Tin, Mounting: Press-in technology

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### Drawings

## Plug - QC 1,5/ 8-STF - 1718177

Dimensional drawing



# Mouser Electronics

Authorized Distributor

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1718177