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Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 8, Pitch: 5.08 mm, Connection method: Spring-cage connection, Color: green, Contact surface: Tin



The figure shows a 10-position version of the product

### Why buy this product

- Maximum contact and packing density in combination with double-level CCDN 2,5 headers
- ☑ User-friendly actuation of the terminal point using a screwdriver
- ☑ Ultra-flat design height of just 10.9 mm
- ✓ Wiring space for conductor cross sections up to 2.5 mm²
- Plug-in direction parallel to the conductor axis
- Fast conductor connection thanks to Push-in spring-cage connection



### Key commercial data

| Packing unit                         | 50 pc           |
|--------------------------------------|-----------------|
| Minimum order quantity               | 50 pc           |
| GTIN                                 | 4 046356 330282 |
| Weight per Piece (excluding packing) | 9.67 g          |
| Custom tariff number                 | 85366990        |
| Country of origin                    | Bulgaria        |

#### Technical data

#### **Dimensions**

| Pitch       | 5.08 mm  |
|-------------|----------|
| Dimension a | 35.56 mm |

### General

| Range of articles           | FKCN 2,5/ST |
|-----------------------------|-------------|
| Insulating material group   | I           |
| Rated surge voltage (III/3) | 4 kV        |
| Rated surge voltage (III/2) | 4 kV        |



## Technical data

### General

| Rated surge voltage (II/2)              | 4 kV    |
|---|---------|
| Rated voltage (III/3)                   | 320 V   |
| Rated voltage (III/2)                   | 320 V   |
| Rated voltage (II/2)                    | 630 V   |
| Connection in acc. with standard        | EN-VDE  |
| Nominal current I <sub>N</sub>          | 12 A    |
| Nominal cross section                   | 2.5 mm² |
| Maximum load current                    | 12 A    |
| Insulating material                     | PA      |
| Inflammability class according to UL 94 | V0      |
| Stripping length                        | 10 mm   |
| Number of positions                     | 8       |

### Connection data

| Conductor cross section solid min.   | 0.2 mm <sup>2</sup> |
|--|---------------------|
| Conductor cross section solid max.   | 1.5 mm²             |
| Conductor cross section stranded min.                                      | 0.2 mm²             |
| Conductor cross section stranded max.                                      | 2.5 mm²             |
| Conductor cross section stranded, with ferrule without plastic sleeve min. | 0.25 mm²            |
| Conductor cross section stranded, with ferrule without plastic sleeve max. | 1.5 mm²             |
| Conductor cross section stranded, with ferrule with plastic sleeve min.    | 0.25 mm²            |
| Conductor cross section stranded, with ferrule with plastic sleeve max.    | 1.5 mm²             |
| 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  | 14                  |

## 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 |
|----------|----------|



## Classifications

### **ETIM**

| 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 / cULus Recognized

Ex Approvals

Approvals submitted

## Approval details

| UL Recognized <b>51</b> |       |       |
|-------------------------|-------|-------|
|                         | В     | D     |
| mm²/AWG/kcmil           | 24-14 | 24-14 |
| Nominal current IN      | 10 A  | 10 A  |
| Nominal voltage UN      | 300 V | 300 V |

| cUL Recognized •••• |       |       |
|---------------------|-------|-------|
|                     | В     | D     |
| mm²/AWG/kcmil       | 24-14 | 24-14 |
| Nominal current IN  | 10 A  | 10 A  |
| Nominal voltage UN  | 300 V | 300 V |



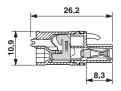
# Approvals

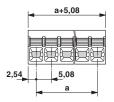
EAC

cULus Recognized 1911 us

## Drawings

### Dimensioned drawing





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