# PCB terminal block - PLA 5/ 1-7,5 - 1792216

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PCB terminal block, Nominal current: 41 A, Nom. voltage: 1000 V, Pitch: 7.5 mm, Number of positions: 1, Connection method: Spring-cage conn., Mounting: Soldering, Conductor/PCB connection direction: 0 °, Color: green

## Key commercial data

| | |
|---|---|
| Packing unit | 1 PCE |
| GTIN | 4 046356 610407 |
| Custom tariff number | 85369010 |
| Country of origin | GERMANY |

## Technical data

### Dimensions

| | |
|---|---|
| Pitch | 7.5 mm |
| Pin dimensions | 1,2 x 1,5 mm |
| Pin spacing | 10 mm |
| Hole diameter | 2 mm |

### General

| | |
|---|---|
| Range of articles | PLH 5/ |
| Insulating material group | I |
| Rated surge voltage (III/3) | 8 kV |
| Rated surge voltage (III/2) | 8 kV |
| Rated surge voltage (II/2) | 8 kV |
| Rated voltage (III/3) | 1000 V |
| Rated voltage (III/2) | 1000 V |
| Rated voltage (II/2) | 1000 V |
| Nominal current $I_N$ | 41 A |

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## Technical data

### General

| | |
|---|---|
| Nominal cross section | 6 mm² |
| Insulating material | PA |
| Solder pin surface | Sn |
| Inflammability class according to UL 94 | V0 |
| Stripping length | 12 mm |
| Number of positions | 1 |

### Connection data

| | |
|---|---|
| Conductor cross section solid min. | 0.2 mm² |
| Conductor cross section solid max. | 6 mm² |
| Conductor cross section stranded min. | 0.2 mm² |
| Conductor cross section stranded max. | 6 mm² |
| Conductor cross section stranded, with ferrule without plastic sleeve min. | 0.2 mm² |
| Conductor cross section stranded, with ferrule without plastic sleeve max. | 6 mm² |
| Conductor cross section stranded, with ferrule with plastic sleeve min. | 0.2 mm² |
| Conductor cross section stranded, with ferrule with plastic sleeve max. | 6 mm² |
| Conductor cross section AWG/kcmil min. | 24 |
| Conductor cross section AWG/kcmil max | 10 |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. | 0.5 mm² |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. | 2.5 mm² |

## Classifications

### ETIM

| | |
|---|---|
| ETIM 4.0 | EC002637 |
| ETIM 5.0 | EC002643 |

### 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 |

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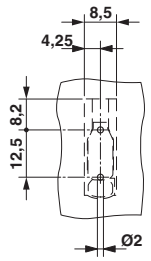
## Classifications

### eCl@ss

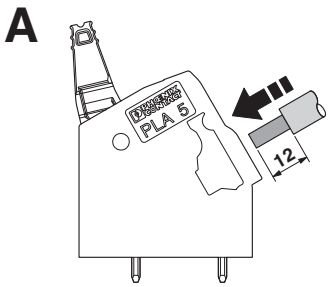
| | |
|---|---|
| eCl@ss 5.0 | 27260701 |
| eCl@ss 5.1 | 27141190 |
| eCl@ss 6.0 | 27261101 |
| eCl@ss 7.0 | 27440401 |
| eCl@ss 8.0 | 27440401 |

## Drawings

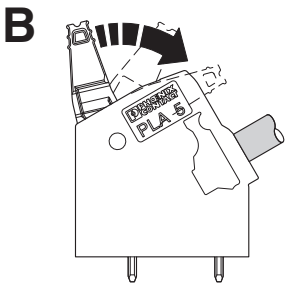
Drilling diagram



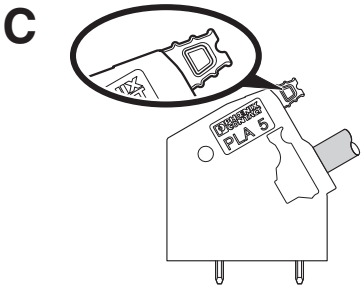

Functional drawing



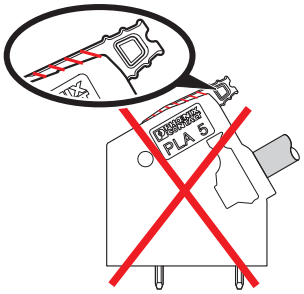

Functional drawing



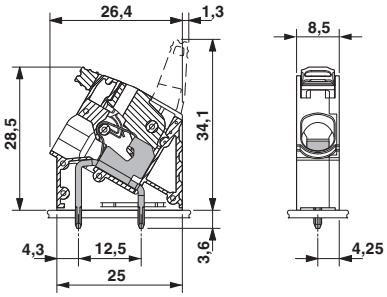

Functional drawing




Functional drawing

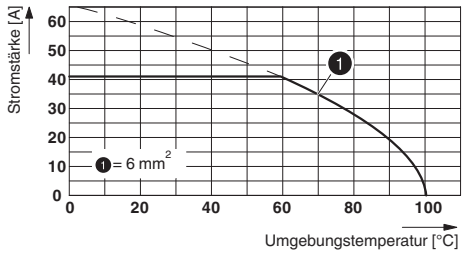



Dimensioned drawing



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Diagram




Type: PLA 5/...-7,5-(ZF)

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