

## PCB terminal block - PLH 5/ 2-7,5-ZF - 1792106

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PCB terminal block, Nominal current: 41 A, Nom. voltage: 1000 V, Pitch: 7.5 mm, Number of positions: 2, Connection method: Spring-cage conn., Mounting: Soldering, Conductor/PCB connection direction: 0 °, Color: green



### Key commercial data

|                      |                                                                                                        |
|----------------------|--------------------------------------------------------------------------------------------------------|
| Packing unit         | 1 PCE                                                                                                  |
| GTIN                 | <br>4 046356 610667 |
| Custom tariff number | 85369010                                                                                               |
| Country of origin    | GERMANY                                                                                                |

### Technical data

#### Dimensions

|                |              |
|----------------|--------------|
| Pitch          | 7.5 mm       |
| Dimension a    | 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 |

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## Technical data

### General

|                                         |                   |
|-----------------------------------------|-------------------|
| Nominal current $I_N$                   | 41 A              |
| Nominal cross section                   | 6 mm <sup>2</sup> |
| Insulating material                     | PA                |
| Solder pin surface                      | Sn                |
| Inflammability class according to UL 94 | V0                |
| Stripping length                        | 12 mm             |
| Number of positions                     | 2                 |

### Connection data

|                                                                                         |                     |
|-----------------------------------------------------------------------------------------|---------------------|
| Conductor cross section solid min.                                                      | 0.2 mm <sup>2</sup> |
| Conductor cross section solid max.                                                      | 6 mm <sup>2</sup>   |
| Conductor cross section stranded min.                                                   | 0.2 mm <sup>2</sup> |
| Conductor cross section stranded max.                                                   | 6 mm <sup>2</sup>   |
| Conductor cross section stranded, with ferrule without plastic sleeve min.              | 0.2 mm <sup>2</sup> |
| Conductor cross section stranded, with ferrule without plastic sleeve max.              | 6 mm <sup>2</sup>   |
| Conductor cross section stranded, with ferrule with plastic sleeve min.                 | 0.2 mm <sup>2</sup> |
| Conductor cross section stranded, with ferrule with plastic sleeve max.                 | 6 mm <sup>2</sup>   |
| 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 mm <sup>2</sup> |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. | 2.5 mm <sup>2</sup> |

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

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### Classifications

#### eCl@ss

|            |          |
|------------|----------|
| eCl@ss 4.1 | 27260701 |
| 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 |

### Approvals

#### Approvals

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Approvals

GOST

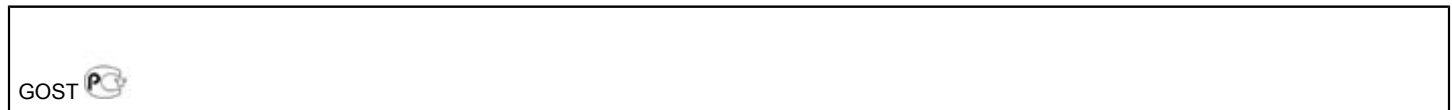
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Ex Approvals

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Approvals submitted

#### Approval details



### Accessories

#### Accessories

#### Marking

Marker cards - SK U/3,8 WH:UNBEDRUCKT - 0803906



Marker cards, Sheet, white, Unlabeled, Can be labeled with: Plotter, Office printing systems, Mounting type: Adhesive, Lettering field: 186 x 3.8 mm

## PCB terminal block - PLH 5/ 2-7,5-ZF - 1792106

### Accessories

#### Tools

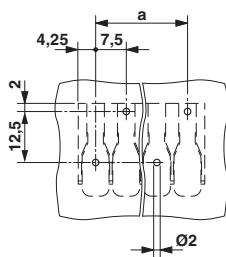
Crimping pliers - CRIMPFOX 6 - 1212034



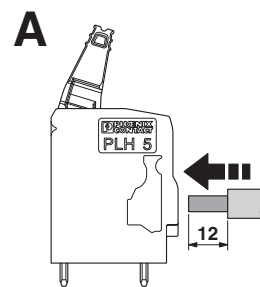
Crimping pliers, for ferrules as per DIN 46228 section 1+4, 0.25 - 6.0 mm<sup>2</sup>, insertion from the side, trapezoidal crimp

### Drawings

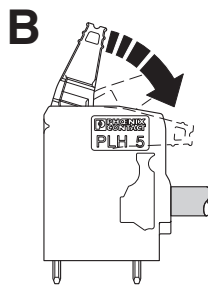
Drilling diagram



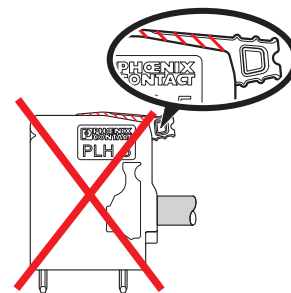
Functional drawing



Functional drawing

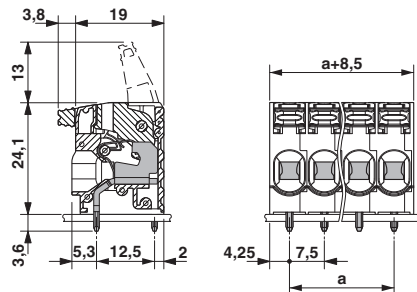


Functional drawing

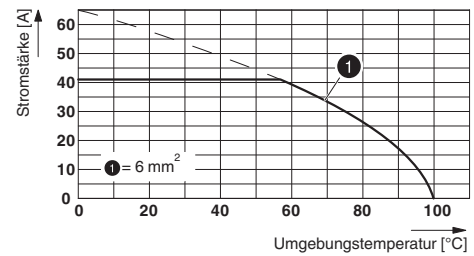


## PCB terminal block - PLH 5/ 2-7,5-ZF - 1792106

Dimensioned drawing



Diagram



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