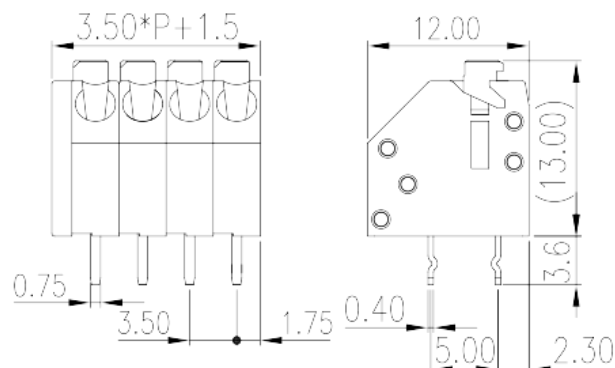


# 0136-23XX

PCB Terminal Blocks > PCB Terminal Blocks

Date:2025-08-18



The web catalog is for reference only. Dinkle remains the right of product modification and engineering change of the design.  
The final product is made according to engineering drawing.

## Product Description

Pitch : 3.50 mm, 300V, 6A

## General information

|  |                                     |
|--|-------------------------------------|
| Short description                      | PCB Terminal Blocks, Push-in Design |
| Category                               | PCB Terminal Blocks                 |
| Pitch (mm)                             | 3.5                                 |
| Color                                  | Grey (default)                      |
| Connection method                      | Push-in Design                      |
| Type of locking                        | Without                             |
| Soldering method                       | Wave Soldering                      |
| Length (mm)                            | $3.50 \times P + 1.5$               |
| Width (mm)                             | 12                                  |
| Height (mm)                            | 13                                  |
| Pin dimensions (Thickness x Width)(mm) | 0.4x0.75                            |
| PCB hole diameter (mm)                 | 1.0                                 |
| Level                                  | 02P~24P                             |

## Material information

|                     |    |
|---------------------|----|
| Insulation material | PA |
|---------------------|----|

|  |                   |
|--|-------------------|
| Insulation material group                    | I                 |
| Flame retardant rating , compliant with UL94 | V0                |
| Insulation resistance                        | ≥500MΩ at DC 500V |
| Conductor material                           | COPPER ALLOY      |
| Plating of conductor surface                 | Tin PLATED        |

## Connection data-IEC

|   |         |
|---|---------|
| Rated voltage (V)   | 400     |
| Rated current (A)   | 8       |
| Rated voltage (II/2)(V)   | 630     |
| Rated voltage (III/2) (V)   | 400     |
| Rated voltage (III/3)(V)  | 250     |
| Rated impulse voltage (II/2)(KV)  | 4       |
| Rated impulse voltage (III/2)(KV)   | 4       |
| Rated impulse voltage (III/3)(KV)   | 4       |
| Conductor cross section solid. min (mm²)  | 0.2     |
| Conductor cross section solid.max (mm²)   | 0.75    |
| Conductor cross section stranded. min (mm²)                                     | 0.5     |
| Conductor cross section stranded. max (mm²)                                     | 0.75    |
| Conductor cross section flexible, with min ferrule without plastic sleeve (mm²) | 0.25    |
| Conductor cross section flexible, with max ferrule without plastic sleeve (mm²) | 0.75    |
| Conductor cross section flexible, with min ferrule with plastic sleeve (mm²)    | 0.25    |
| Conductor cross section flexible, with max ferrule with plastic sleeve (mm²)    | 0.5     |
| Philips screwdriver size  | 0.4x2.5 |
| Stripping Length (mm)   | 8~9     |

## Connection data-UL

|   |     |
|---|-----|
| Rated voltage (UL/CUL Group B)(V)               | 300 |
| Rated current (UL/CUL Group B)(A)               | 6   |
| Rated voltage (UL/CUL Group D)(V)               | 300 |
| Rated current (UL/CUL Group D)(A)               | 6   |
| Min. solid wire connection (AWG) acc. to UL/CUL | 28  |
| Max. solid wire connection AWG acc. to UL/CUL   | 16  |

|  |    |
|--|----|
| Min. stranded wire connection AWG acc. to UL/CUL | 28 |
| Max. stranded wire connection AWG acc. to UL/CUL | 16 |

## Environment & Safety

|                                 |     |
|---------------------------------|-----|
| Finger protection (YES or NO)   | YES |
| Operating temperature. max (°C) | 120 |
| Operating temperature. min (°C) | -40 |

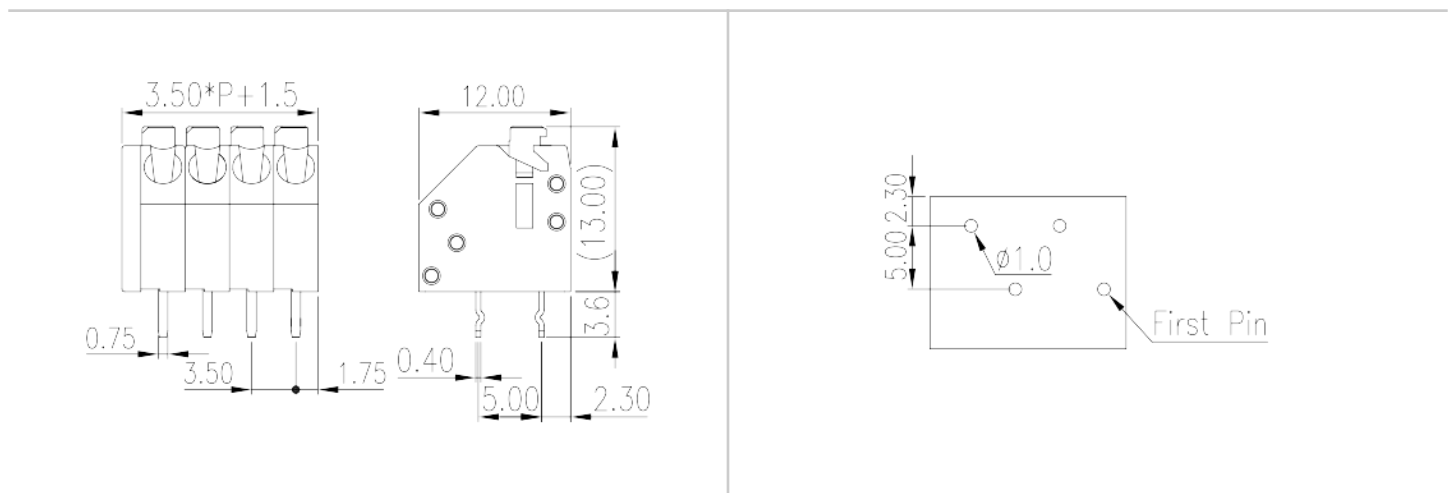
## UL Recognized

|                            |            |
|----------------------------|------------|
| Wire Range (Group B)(AWG)  | 28~16(SOL) |
| Rated voltage (Group B)(V) | 300        |
| Rated current (Group B)(A) | 6          |
| Wire Range (Group D)(AWG)  | 28~16(SOL) |
| Rated voltage (Group D)(V) | 300        |
| Rated current (Group D)(A) | 6          |

## CUL Recognized

|                            |            |
|----------------------------|------------|
| Wire Range (Group B)(AWG)  | 28~16(SOL) |
| Rated voltage (Group B)(V) | 300        |
| Rated current (Group B)(A) | 6          |
| Wire Range (Group D)(AWG)  | 28~16(SOL) |
| Rated voltage (Group D)(V) | 300        |
| Rated current (Group D)(A) | 6          |

## Drawings



## Approvals

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