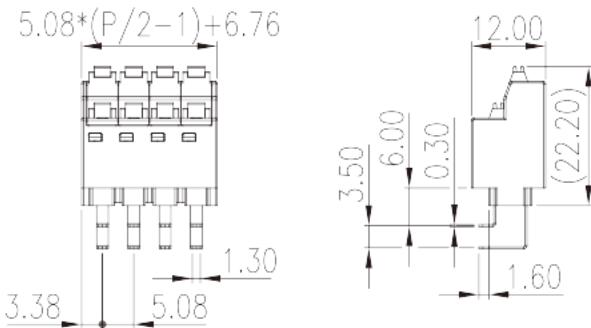


# 0228-22XX

PCB Terminal Blocks &gt; PCB Terminal Blocks

Date:2026-02-02



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 :5.08mm, 300V, 8A

## General information

|  |  |
|--|--|
| Short description                      | PCB Terminal Blocks, Spring Clamp Connection |
| Category                               | PCB Terminal Blocks                          |
| Pitch (mm)                             | 5.08   |
| Color                                  | Black (default)                              |
| Connection method                      | Spring Clamp Connection                      |
| Type of locking                        | Without                                      |
| Soldering method                       | Wave soldering                               |
| Length (mm)                            | 5.08*(P/2-1)+6.76                            |
| Width (mm)                             | 29.05  |
| Height (mm)                            | 12   |
| Pin demensions (Thickness x Width)(mm) | 0.3x1.3                                      |
| PCB hole diameter (mm)                 | 0.6x1.8                                      |
| Number of positions                    | 04P~40P                                      |

## 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)  | 320     |
| Rated current (A)  | 10      |
| Rated voltage (II/2)(V)  | 630     |
| Rated voltage (III/2) (V)  | 320     |
| 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 (mm <sup>2</sup> )  | 0.2     |
| Conductor cross section solid.max (mm <sup>2</sup> )   | 1.5     |
| Conductor cross section stranded. min (mm <sup>2</sup> )                                     | 0.2     |
| Conductor cross section stranded. max (mm <sup>2</sup> )                                     | 1.5     |
| Conductor cross section flexible, with min ferrule without plastic sleeve (mm <sup>2</sup> ) | 0.25    |
| Conductor cross section flexible, with max ferrule without plastic sleeve (mm <sup>2</sup> ) | 1.0     |
| Conductor cross section flexible, with min ferrule with plastic sleeve (mm <sup>2</sup> )    | 0.25    |
| Conductor cross section flexible, with max ferrule with plastic sleeve (mm <sup>2</sup> )    | 1.0     |
| 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)               | 8   |
| Rated voltage (UL/CUL Group D)(V)               | 300 |
| Rated current (UL/CUL Group D)(A)               | 8   |
| Min. solid wire connection (AWG) acc. to UL/CUL | 28  |
| Max. solid 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 |

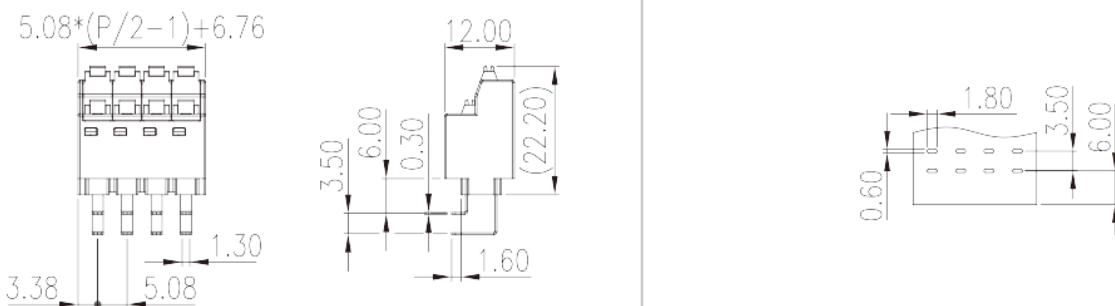
## UL Recognized

|                            |       |
|----------------------------|-------|
| Wire Range (Group B)(AWG)  | 28~16 |
| Rated voltage (Group B)(V) | 300   |
| Rated current (Group B)(A) | 8     |
| Wire Range (Group D)(AWG)  | 28~16 |
| Rated voltage (Group D)(V) | 300   |
| Rated current (Group D)(A) | 8     |

## CUL Recognized

|                            |       |
|----------------------------|-------|
| Wire Range (Group B)(AWG)  | 28~16 |
| Rated voltage (Group B)(V) | 300   |
| Rated current (Group B)(A) | 8     |
| Wire Range (Group D)(AWG)  | 28~16 |
| Rated voltage (Group D)(V) | 300   |
| Rated current (Group D)(A) | 8     |

## Drawings



## Approvals

