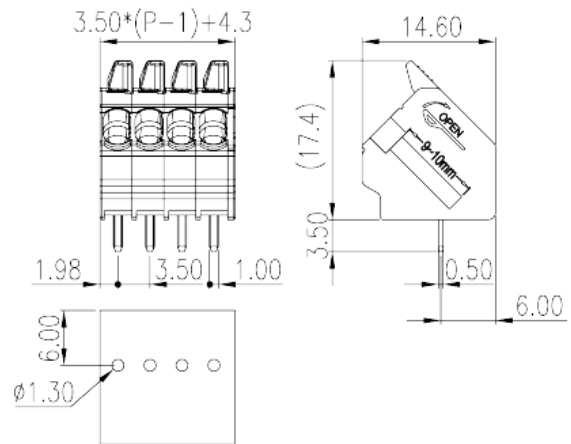


# 0275-11XXY5

PCB Terminal Blocks &gt; PCB Terminal Blocks

Date:2026-08-25



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 :3.50mm, 300V, 10A

## General information

|                                        |                                    |
|----------------------------------------|------------------------------------|
| Short description                      | PCB Terminal Blocks,Push-in Design |
| Category                               | PCB Terminal Blocks                |
| Pitch (mm)                             | 3.50                               |
| Color                                  | Refer to drawing                   |
| Connection method                      | Push-in Design                     |
| Type of locking                        | Without                            |
| Soldering method                       | Wave Soldering                     |
| Length (mm)                            | $3.50 \times (P-1) + 4.3$          |
| Width (mm)                             | 14.6                               |
| Height (mm)                            | 17.4                               |
| Pin dimensions (Thickness x Width)(mm) | 0.5x1                              |
| PCB hole diameter (mm)                 | 1.3                                |
| Number of positions                    | 02P~24P                            |
| Level                                  | Single level                       |
| Connection points                      | 2~24                               |

## 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)                                                                                       | 160  |
| Rated current (A)                                                                                       | 17.5 |
| Rated voltage (II/2)(V)                                                                                 | 320  |
| Rated voltage (III/2) (V)                                                                               | 160  |
| Rated voltage (III/3)(V)                                                                                | 160  |
| Rated impulse voltage (II/2)(KV)                                                                        | 2.5  |
| Rated impulse voltage (III/2)(KV)                                                                       | 2.5  |
| Rated impulse voltage (III/3)(KV)                                                                       | 2.5  |
| 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> )            | 1.5  |
| 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> )               | 0.75 |
| 2 conductors with same cross section flexible, min twin ferrules with plastic sleeve (mm <sup>2</sup> ) | 0.5  |
| 2 conductors with same cross section flexible, max twin ferrules with plastic sleeve (mm <sup>2</sup> ) | 0.5  |
| Stripping Length (mm)                                                                                   | 9~10 |

## Connection data-UL

|                                   |     |
|-----------------------------------|-----|
| Rated voltage (UL/CUL Group B)(V) | 300 |
|-----------------------------------|-----|

|                                                  |     |
|--------------------------------------------------|-----|
| Rated current (UL/CUL Group B)(A)                | 10  |
| Rated voltage (UL/CUL Group D)(V)                | 300 |
| Rated current (UL/CUL Group D)(A)                | 10  |
| 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

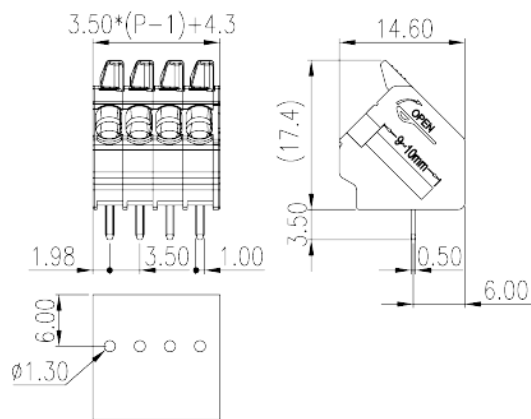
|                            |       |
|----------------------------|-------|
| Wire Range (Group B)(AWG)  | 28~16 |
| Rated voltage (Group B)(V) | 300   |
| Rated current (Group B)(A) | 10    |
| Wire Range (Group D)(AWG)  | 28~16 |
| Rated voltage (Group D)(V) | 300   |
| Rated current (Group D)(A) | 10    |

## CUL Recognized

|                            |       |
|----------------------------|-------|
| Wire Range (Group B)(AWG)  | 28~16 |
| Rated voltage (Group B)(V) | 300   |
| Rated current (Group B)(A) | 10    |
| Wire Range (Group D)(AWG)  | 28~16 |
| Rated voltage (Group D)(V) | 300   |
| Rated current (Group D)(A) | 10    |

## Drawings

|  |  |
|--|--|
|  |  |
|--|--|



## Approvals

