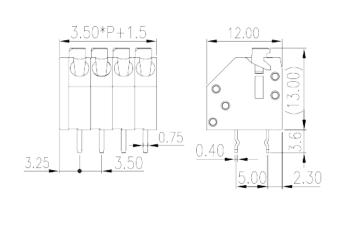


# 0136-20XX

PCB Terminal Blocks > PCB Terminal Blocks

Date:2025-08-16Version:V1





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

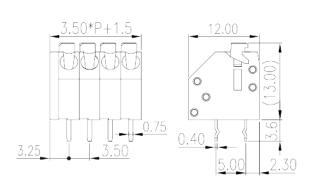
| Short description                      | PCB Terminal Blocks, Push-in Design |
|--|-------------------------------------|
| Category                               | PCB Terminal Blocks                 |
| Pitch (mm)                             | 3.50                                |
| Color                                  | Grey (default)                      |
| Connection method                      | Push in design                      |
| Type of locking                        | Without                             |
| Soldering method                       | Wave soldering                      |
| Length (mm)                            | 3.50*(P-1)+5.0                      |
| Width (mm)                             | 12                                  |
| Height (mm)                            | 13                                  |
| Pin demensions (Thickness x Width)(mm) | 0.4x0.75                            |
| PCB hole diameter (mm)                 | 1                                   |
| Number of positions                    | 02P~24P                             |
| Level                                  | Single level                        |

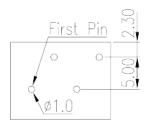
#### Material information



| 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               |
| Slotted screwdriver size (Blade thickness x Width)(mm)                          | 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                |

| Drawings   |            |
|--|------------|
| Rated current (A)                                | 8          |
| Rated voltage (V)                                | 250        |
| Wire Range (mm²)                                 | 0.2~0.75   |
| VDE Approval                                     |            |
| Rated current (Group D)(A)                       | 6          |
| Rated voltage (Group D)(V)                       | 300        |
| Wire Ranget (Group D)(AWG)                       | 28~16(SOL) |
| Rated current (Group B)(A)                       | 6          |
| Rated voltage (Group B)(V)                       | 300        |
| Wire Range (Group B)(AWG)                        | 28~16(SOL) |
| CUL Recognized                                   |            |
| Rated current (Group D)(A)                       | 6          |
| Rated voltage (Group D)(V)                       | 300        |
| Wire Range (Group D)(AWG)                        | 28~16(SOL) |
| Rated current (Group B)(A)                       | 6          |
| Rated voltage (Group B)(V)                       | 300        |
| Wire Range (Group B)(AWG)                        | 28~16(SOL) |
| JL Recognized                                    |            |
| Operating temperature. min (°C)                  | -40        |
| Operating temperature. max (°C)                  | 120        |
| Finger protection (YES or NO)                    | YES        |
| Environment & Safety                             |            |
| Max. stranded wire connection AWG acc. to UL/CUL | 16         |
| Min. stranded wire connection AWG acc. to UL/CUL | 28         |
| Max. solid wire connection AWG acc. to UL/CUL    | 16         |





## **Approvals**







