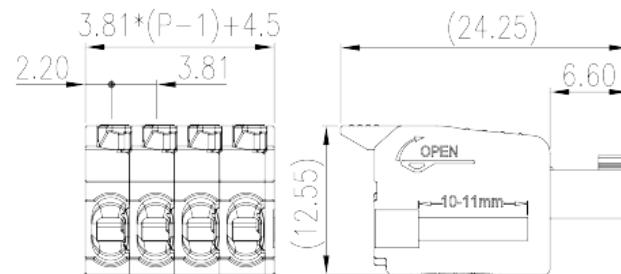
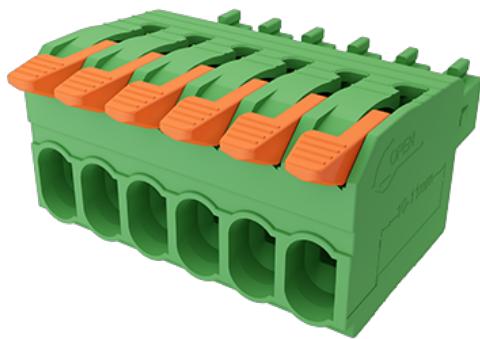


# 0256-61XX

PCB Terminal Blocks &gt; PCB Connector-Plug

Date:2026-02-16



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 : 3.81 mm, 300V, 8A

## General information

|                     |                                    |
|---------------------|------------------------------------|
| Short description   | PCB Connector Plug, Push-in Design |
| Category            | PCB Connector – Plug               |
| Pitch (mm)          | 3.81                               |
| Color               | Green (default)                    |
| Connection method   | Push in Design                     |
| Type of locking     | Without                            |
| Length (mm)         | 3.81*(P-1)+4.5                     |
| Width (mm)          | 24.25                              |
| Height (mm)         | 12.55                              |
| 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)   | 320  |
| Rated current (A)   | 10   |
| 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> )   | 0.14 |
| Conductor cross section solid.max (mm <sup>2</sup> )  | 1.5  |
| Conductor cross section stranded. min (mm <sup>2</sup> )  | 0.14 |
| 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> ) | 0.75 |
| Stripping Length (mm)   | 9~10 |

## Connection data-UL

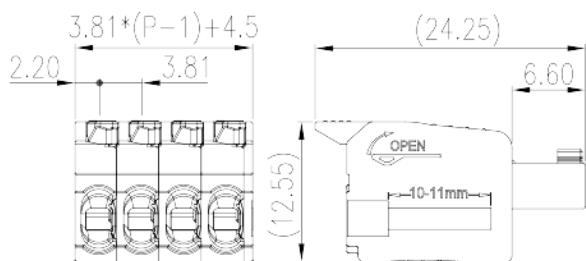
|   |     |
|---|-----|
| Rated voltage (UL/CUL Group B)(V)               | 300 |
| Rated current (UL/CUL Group B)(A)               | 8   |
| Rated voltage (UL/CUL Group D)(V)               | 300 |
| Rated current (UL/CUL Group D)(A)               | 8   |
| Min. solid wire connection (AWG) acc. to UL/CUL | 28  |
| Max. solid wire connection AWG acc. to UL/CUL   | 16  |

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

## Drawings



## Approvals

