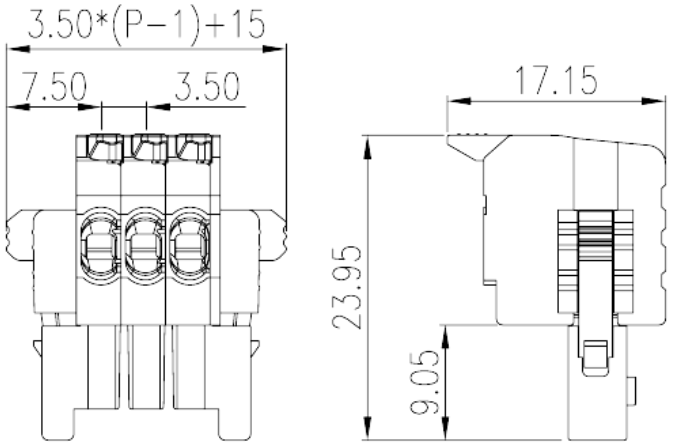
# 0256-33XX

PCB Terminal Blocks > PCB Connector-Plug

Date:2026-11-17






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, 8A

## General information

| | |
|---|---|
| Short description | PCB Connector, Push-in Design |
| Category | PCB Connector – Plug |
| Pitch (mm) | 3.50 |
| Connection method | Push-in Design |
| Type of locking | With lock flange |
| Length (mm) | 3.50*(P-1)+15 |
| Width (mm) | 17.15 |
| Height (mm) | 23.95 |
| 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 |


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| | |
|---|---|
| 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 ($mm^2$) | 0.14 |
| Conductor cross section solid.max ($mm^2$) | 1.5 |
| Conductor cross section stranded. min ($mm^2$) | 0.14 |
| Conductor cross section stranded. max ($mm^2$) | 1.5 |
| Conductor cross section flexible, with min ferrule without plastic sleeve ($mm^2$) | 0.25 |
| Conductor cross section flexible, with max ferrule without plastic sleeve ($mm^2$) | 1.5 |
| Conductor cross section flexible, with min ferrule with plastic sleeve ($mm^2$) | 0.25 |
| Conductor cross section flexible, with max ferrule with plastic sleeve ($mm^2$) | 0.75 |
| 2 conductors with same cross section flexible, min twin ferrules with plastic sleeve ($mm^2$) | 0.5 |
| 2 conductors with same cross section flexible, max twin ferrules with plastic sleeve ($mm^2$) | 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) | 8 |
| Rated voltage (UL/CUL Group C)(V) | 150 |
| Rated current (UL/CUL Group C)(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 |

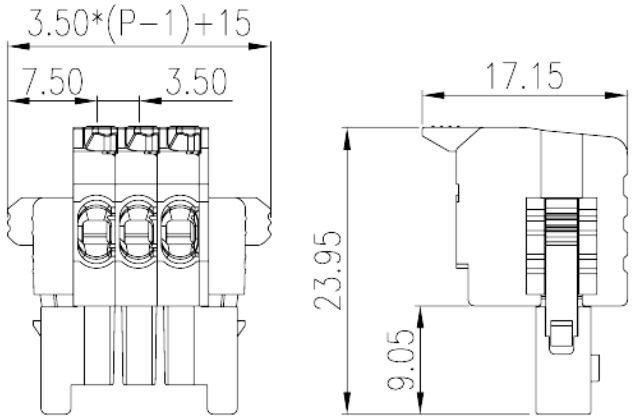

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| | |
|---|---|
| Max. solid wire connection AWG acc. to UL/CUL | 16 |
| Min. stranded wire connection AWG acc. to UL/CUL | 28 |
| Max. stranded wire connection AWG acc. to UL/CUL | 16 |

## Environment & Safety

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

## Drawings




## Approvals


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