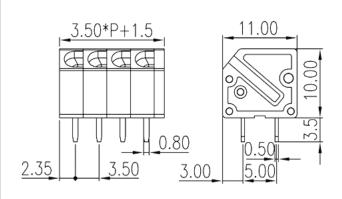


# 0137-41XX PCB Terminal Blocks > PCB Terminal Blocks

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, 5A

#### 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)+1.50
Width (mm)	11
Height (mm)	10
Pin demensions (Thickness x Width)(mm)	0.5x0.8
PCB hole diameter (mm)	1.2
Number of positions	02P~24P
Level	Single level

#### Material information



Insulation material	PA
Insulation material group	Ι
Flame retardant rating , compliant with UL94	VO
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> )	0.5
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
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
Slotted screwdriver size (Blade thickness x Width)(mm)	0.4x2.5
Stripping Length (mm)	9~10

#### Connection data-UL

Rated voltage (UL/CUL Group B)(V)	300
Rated current (UL/CUL Group B)(A)	5
Rated voltage (UL/CUL Group D)(V)	300
Rated current (UL/CUL Group D)(A)	5
Min. solid wire connection (AWG) acc. to UL/CUL	26



Max. solid wire connection AWG acc. to UL/CUL	16
Min. stranded wire connection AWG acc. to UL/CUL	24
Max. stranded wire connection AWG acc. to UL/CUL	20

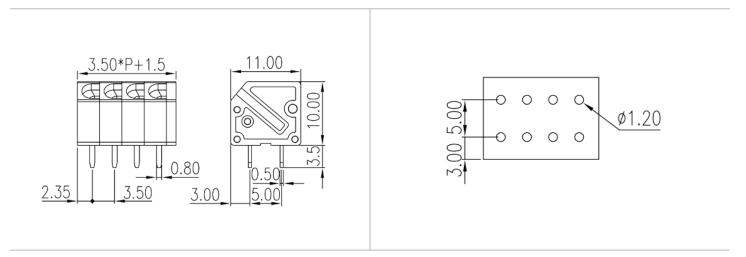
### Environment & Safety

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

### VDE Approval

Wire Range (mm <sup>2</sup> )	0.2~1.5
Rated voltage (V)	160
Rated current (A)	17.5

### Drawings



## Approvals





