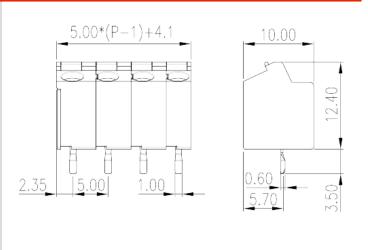


# 0185-31XX

PCB Terminal Blocks > PCB Terminal Blocks

Date:2025-12-04





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: 5.00mm, 300V, 10A

#### General information

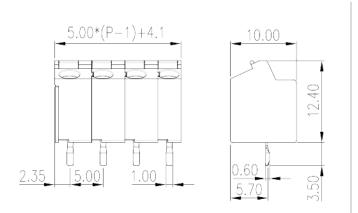
Short description	PCB Terminal Blocks, Push-in Design
Category	PCB Terminal Blocks
Pitch (mm)	5.00
Color	Black (default)
Connection method	Push in Design
Type of locking	Without
Soldering method	Wave Soldering
Length (mm)	5.00*(P-1)+4.1
Width (mm)	10
Height (mm)	12.4
Pin demensions (Thickness x Width)(mm)	0.6x1
PCB hole diameter (mm)	1.2
Number of positions	02P~24P
Level	Single level

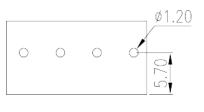
#### Material information

Insulation material	PA
Insulation material group	I
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)	320
Rated current (A)	14
Rated voltage (II/2)(V)	630
Rated voltage (III/2) (V)	320
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)	1.5
Conductor cross section stranded. min (mm²)	0.2
Conductor cross section stranded. max (mm²)	1.5
Conductor cross section flexible, with min ferrule without plastic sleeve (mm²)	0.25
Conductor cross section flexible, with max ferrule without plastic sleeve (mm²)	1
Conductor cross section flexible, with min ferrule with plastic sleeve (mm²)	0.25
Conductor cross section flexible, with max ferrule with plastic sleeve (mm²)	0.75
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)	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	26

Max. solid wire connection AWG acc. to UL/CUL	16
Min. stranded wire connection AWG acc. to UL/CUL	26
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)	26~16
Rated voltage (Group B)(V)	300
Rated current (Group B)(A)	10
Wire Range (Group D)(AWG)	26~16
Rated voltage (Group D)(V)	300
Rated current (Group D)(A)	10
CUL Recognized	
Wire Range (Group B)(AWG)	26~16
Rated voltage (Group B)(V)	300
Rated current (Group B)(A)	10
Wire Ranget (Group D)(AWG)	26~16
Rated voltage (Group D)(V)	300
Rated current (Group D)(A)	10

## Drawings





### **Approvals**





