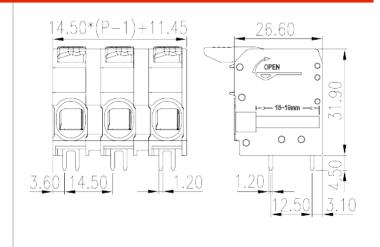


# 0290-43XX

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:14.50mm, 1000V, 66A

#### General information

Short description	PCB Terminal Blocks, Push-in Design
Category	PCB Terminal Blocks
Pitch (mm)	14.5
Color	Black (default)
Connection method	Push-in Design
Type of locking	Without
Soldering method	Wave Soldering
Length (mm)	14.50*(P-1)+11.45
Width (mm)	26.6
Height (mm)	31.9
Pin demensions (Thickness x Width)(mm)	1.2x1.2
PCB hole diameter (mm)	1.7~1.9
Number of positions	02P~12P
Level	Single level
Connection points	2~12



### 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)	1000
Rated current (A)	76
Rated voltage (II/2)(V)	1000
Rated voltage (III/2) (V)	1000
Rated voltage (III/3)(V)	1000
Rated impulse voltage (II/2)(KV)	8
Rated impulse voltage (III/2)(KV)	8
Rated impulse voltage (III/3)(KV)	8
Conductor cross section solid. min (mm²)	0.75
Conductor cross section solid.max (mm²)	16
Conductor cross section stranded. min (mm²)	0.75
Conductor cross section stranded. max (mm²)	16
Conductor cross section flexible, with min ferrule without plastic sleeve (mm²)	0.75
Conductor cross section flexible, with max ferrule without plastic sleeve (mm²)	16
Conductor cross section flexible, with min ferrule with plastic sleeve (mm²)	0.75
Conductor cross section flexible, with max ferrule with plastic sleeve (mm²)	10
2 conductors with same cross section flexible, min twin ferrules with plastic sleeve (mm²)	0.75
2 conductors with same cross section flexible, max twin ferrules with plastic sleeve (mm²)	6
Stripping Length (mm)	18~19

### Connection data-UL

Rated voltage (UL/CUL Group B)(V)	1000

Rated current (UL/CUL Group B)(A)	66
Rated voltage (UL/CUL Group E)(V)	1000
Rated current (UL/CUL Group E)(A)	66
Min. solid wire connection (AWG) acc. to UL/CUL	18
Max. solid wire connection AWG acc. to UL/CUL	4
Min. stranded wire connection AWG acc. to UL/CUL	18
Max. stranded wire connection AWG acc. to UL/CUL	4

### Environment & Safety

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

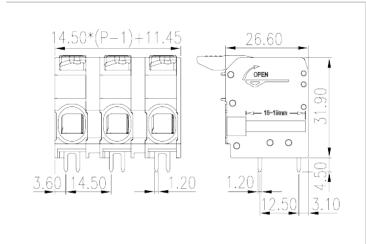
### **UL** Recognized

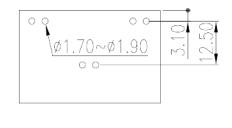
Wire Range (Group E)(AWG)	18~4
Rated voltage (Group E)(V)	1000
Rated current (Group E)(A)	66

### **CUL** Recognized

Wire Range (Group C)(AWG)	18~4
Rated voltage (Group C)(V)	100
Rated current (Group C)(A)	66

## Drawings







## Approvals







