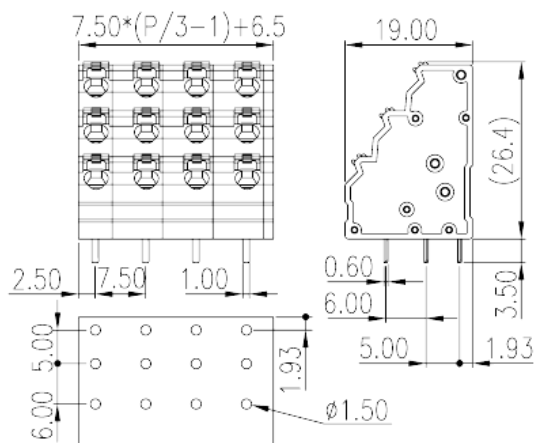


# 0152-53XX

PCB Terminal Blocks > PCB Terminal Blocks

Date:2025-08-18



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 :7.50mm, 300V, 10A

## General information

Short description	PCB Terminal Blocks, Push-in Design PCB Terminal Blocks, Push-in Design
Category	PCB Terminal Blocks
Pitch (mm)	7.5
Color	Black (default)
Connection method	Push-in Design
Type of locking	Without
Soldering method	Wave Soldering
Length (mm)	$7.50 \times (P/3 - 1) + 6.5$
Width (mm)	19
Height (mm)	25.95
Pin dimensions (Thickness x Width)(mm)	0.6x1
PCB hole diameter (mm)	1.3
Number of positions	06P~24P
Level	Triple level
Connection points	6~24

## 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)	17.5
Rated voltage (II/2)(V)	630
Rated voltage (III/2) (V)	320
Rated voltage (III/3)(V)	320
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 (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> )	0.2
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> )	1
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> )	0.5
Slotted screwdriver size (Blade thickness x Width)(mm)	0.6x3.5
Stripping Length (mm)	8~9

## Connection data-UL

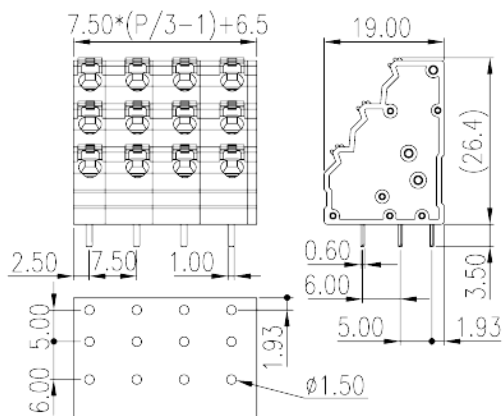
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Rated voltage (UL/CUL Group B)(A)	300
Rated voltage (UL/CUL Group D)(V)	300
Rated current (UL/CUL Group D)(A)	10
Min. solid wire connection (AWG) acc. to UL/CUL	28
Max. solid wire connection AWG acc. to UL/CUL	16
Min. stranded wire connection AWG acc. 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

