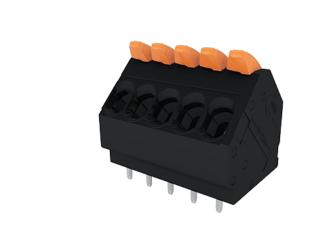
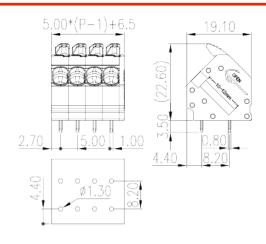
# 0275-21XX

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, 320V, 20A

#### General information

Short description	PCB Terminal Blocks, Push-in Design
Category	PCB Terminal Blocks
Pitch (mm)	5
Color	Black (default)
Connection method	Push-in Design
Type of locking	Without
Soldering method	Wave Soldering
Length (mm)	5.00*(P-1)+6.5
Width (mm)	19.1
Height (mm)	22.6
Pin demensions (Thickness x Width)(mm)	0.8x1
PCB hole diameter (mm)	1.3
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	VO
Insulation resistance	□500MΩ at DC 500V
Conductor material	COPPER ALLOY
Plating of conductor surface	Tin PLATED
Connection data-IEC	
Rated voltage (V)	400
Rated current (A)	32
Rated voltage (II/2)(V)	630
Rated voltage (III/2) (V)	400
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 (mm²)	0.2
Conductor cross section solid.max (mm²)	4
Conductor cross section stranded. min (mm²)	0.2
Conductor cross section stranded. max (mm²)	4
Conductor cross section flexible, with min ferrule without plastic sleeve (mm²)	0.25
Conductor cross section flexible, with max ferrule without plastic sleeve (mm²)	2.5
Conductor cross section flexible, with min ferrule with plastic sleeve (mm²)	0.25
Conductor cross section flexible, with max ferrule with plastic sleeve (mm²)	2.5
2 conductors with same cross section flexible, min twin ferrules with plastic sleeve (mm²)	0.5
2 conductors with same cross section flexible, max twin ferrules with plastic sleeve (mm²)	1.5

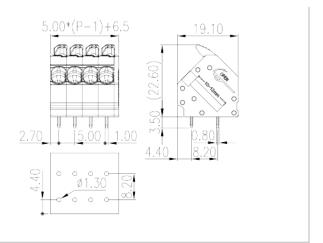
#### Connection data-UL

Stripping Length (mm)

Rated voltage (UL/CUL Group B)(V)	300

10~12

Rated current (UL/CUL Group B)(A)	20
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	24
Max. solid wire connection AWG acc. to UL/CUL	12
Min. stranded wire connection AWG acc. to UL/CUL	24
Max. stranded wire connection AWG acc. to UL/CUL	12
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)	24~12
Rated voltage (Group B)(V)	300
Rated current (Group B)(A)	20
Wire Range (Group D)(AWG)	24~12
Rated voltage (Group D)(V)	300
Rated current (Group D)(A)	10
CUL Recognized	
3	
Wire Range (Group B)(AWG)	24~12
	24~12 300
Wire Range (Group B)(AWG)	
Wire Range (Group B)(AWG)  Rated voltage (Group B)(V)	300
Wire Range (Group B)(AWG)  Rated voltage (Group B)(V)  Rated current (Group B)(A)	300 20



## **Approvals**





