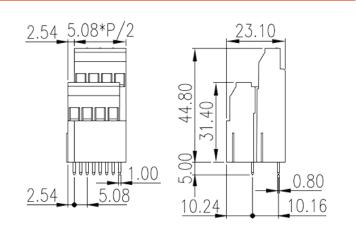


EHK508V2L-XXP

PCB Terminal Blocks > PCB Terminal Blocks

Date:2025-12-03Version: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: 5.08mm, 300V, 20A

General information

Short description	PCB Terminal Blocks, Screw Connection
Category	PCB Terminal Blocks
Pitch (mm)	5.08
Color	Green (default)
Connection method	Screw Connection
Type of locking	Without
Length (mm)	5.08*(P/2-1)+7.62
Width (mm)	23.1
Height (mm)	44.8
Pin demensions (Thickness x Width)(mm)	0.8*1
PCB hole diameter (mm)	1.6
Number of positions	04P~48P
Level	Double level

Material information

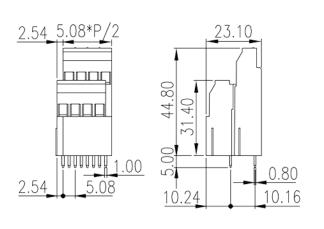
Insulation material	PA
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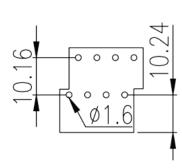


Insulation material group	I
Flame retardant rating , compliant with UL94	V0
Insulation resistance	\square 500M Ω at DC 500V
Conductor material	COPPER ALLOY
Plating of conductor surface	Tin PLATED
Connection data-IEC	
Rated voltage (V)	400
Rated current (A)	24
Rated voltage (II/2)(V)	400
Rated voltage (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 (mm²)	0.5
Conductor cross section solid.max (mm²)	2.5
Conductor cross section stranded. min (mm²)	0.5
Conductor cross section stranded. max (mm²)	2.5
Conductor cross section flexible, with min ferrule without plastic sleeve (mm²)	0.5
Conductor cross section flexible, with max ferrule without plastic sleeve (mm²)	1.5
Conductor cross section flexible, with min ferrule with plastic sleeve (mm²)	0.5
Conductor cross section flexible, with max ferrule with plastic sleeve (mm²)	1.5
2 conductors with same cross section, solid, min (mm²)	0.5
2 conductors with same cross section, solid, max (mm²)	1
2 conductors with same cross section, stranded, min (mm²)	0.5
2 conductors with same cross section, stranded, max (mm²)	1
2 conductors with same cross section flexible, with min ferrule without plastic sleeve (mm²)	0.5
2 conductors with same cross section flexible, with max ferrule without plastic sleeve (mm²)	1
Screw thread	M2.5

Slotted screwdriver size (Blade thickness x Width)(mm)	0.6x3.5
Rated torque (N.m)	0.4
Stripping Length (mm)	7~8
Connection data-UL	
Rated voltage (UL/CUL Group B)(V)	300
Rated current (UL/CUL Group B)(A)	25
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. max (°C) Operating temperature. min (°C)	-40
Operating temperature. min (°C)	
Operating temperature. min (°C) JL Recognized	-40
Operating temperature. min (°C) JL Recognized Wire Range (Group B)(AWG)	-40
Operating temperature. min (°C) JL Recognized Wire Range (Group B)(AWG) Rated voltage (Group B)(V)	-40 24~12 300
Operating temperature. min (°C) JL Recognized Wire Range (Group B)(AWG) Rated voltage (Group B)(V) Rated current (Group B)(A)	-40 24~12 300 25(FW1)/20(FW2)
Operating temperature. min (°C) JL Recognized Wire Range (Group B)(AWG) Rated voltage (Group B)(V) Rated current (Group B)(A) Wire Range (Group D)(AWG)	-40 24~12 300 25(FW1)/20(FW2) 24~12
Operating temperature. min (°C) JL Recognized Wire Range (Group B)(AWG) Rated voltage (Group B)(V) Rated current (Group B)(A) Wire Range (Group D)(AWG) Rated voltage (Group D)(V)	-40 24~12 300 25(FW1)/20(FW2) 24~12 300
Operating temperature. min (°C) JL Recognized Wire Range (Group B)(AWG) Rated voltage (Group B)(V) Rated current (Group B)(A) Wire Range (Group D)(AWG) Rated voltage (Group D)(V) Rated current (Group D)(A)	-40 24~12 300 25(FW1)/20(FW2) 24~12 300
Operating temperature. min (°C) JL Recognized Wire Range (Group B)(AWG) Rated voltage (Group B)(V) Rated current (Group B)(A) Wire Range (Group D)(AWG) Rated voltage (Group D)(V) Rated current (Group D)(A) CUL Recognized	-40 24~12 300 25(FW1)/20(FW2) 24~12 300 10
Operating temperature. min (°C) JL Recognized Wire Range (Group B)(AWG) Rated voltage (Group B)(V) Rated current (Group B)(A) Wire Range (Group D)(AWG) Rated voltage (Group D)(V) Rated current (Group D)(A) CUL Recognized Wire Range (Group B)(AWG)	-40 24~12 300 25(FW1)/20(FW2) 24~12 300 10
Operating temperature. min (°C) JL Recognized Wire Range (Group B)(AWG) Rated voltage (Group B)(V) Rated current (Group B)(A) Wire Range (Group D)(AWG) Rated voltage (Group D)(V) Rated current (Group D)(A) CUL Recognized Wire Range (Group B)(AWG) Rated voltage (Group B)(AWG)	-40 24~12 300 25(FW1)/20(FW2) 24~12 300 10 24~12 300
Operating temperature. min (°C) JL Recognized Wire Range (Group B)(AWG) Rated voltage (Group B)(V) Rated current (Group B)(A) Wire Range (Group D)(AWG) Rated voltage (Group D)(V) Rated current (Group D)(A) CUL Recognized Wire Range (Group B)(AWG) Rated voltage (Group B)(AWG) Rated voltage (Group B)(AWG) Rated current (Group B)(A)	-40 24~12 300 25(FW1)/20(FW2) 24~12 300 10 24~12 300 25(FW1)/20(FW2)

Drawings





Approvals





