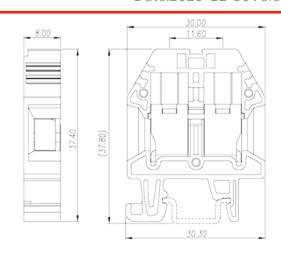


DK6S

DIN Rail Terminal Blocks > Screw Connection

Date:2025-11-30Version:1.2





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

M4, 300V, 50A, Beige (default)

General information

Short description	DIN rail terminal blocks, Feed through terminal blocks
Category	Feed through terminal blocks
Color	Beige (default)
Connection method	Screw connection
Type of locking	Rail mounting
Length (mm)	30.3
Width (mm)	8
Height (mm)	37.4
Number of positions	□1P
Level	Single level
Connection points	2

Material information

Insulation material	PA
Insulation material group	I
Flame retardant rating , compliant with UL94	V0



Insulation resistance	□500MΩ at DC 500V	
Connection data-IEC		
Rated voltage (V)	500	
Rated current (A)	41	
Rated voltage (III/3)(V)	500	
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)	6	
Conductor cross section stranded. min (mm²)	0.5	
Conductor cross section stranded. max (mm²)	6	
Conductor cross section flexible, with min ferrule without plastic sleeve (mm²)	0.5	
Conductor cross section flexible, with max ferrule without plastic sleeve (mm²)	6	
Conductor cross section flexible, with min ferrule with plastic sleeve (mm²)	0.5	
Conductor cross section flexible, with max ferrule with plastic sleeve (mm²)	6	
2 conductors with same cross section, solid, min (mm²)	0.5	
2 conductors with same cross section, solid, max (mm²)	4	
2 conductors with same cross section, stranded, min (mm²)	0.5	
2 conductors with same cross section, stranded, max (mm²)	4	
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)	4	
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)	4	
Screw thread	M4	
Slotted screwdriver size (Blade thickness x Width)(mm)	1.0x5.5	
Philips screwdriver size	PH2	
Rated torque (N.m)	1.2	

Stripping Length (mm)	9~11	
Mounting rail	TS-15	
End cover plate required	YES	
Grounding connections	NO	
Connection data-UL		
Rated voltage (UL/CUL Group B)(V)	300	
Rated current (UL/CUL Group B)(A)	50	
Rated voltage (UL/CUL Group C)(V)	300	
Rated current (UL/CUL Group C)(A)	50	
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	20	
Max. solid wire connection AWG acc. to UL/CUL	8	
Min. stranded wire connection AWG acc. to UL/CUL	20	
Will stranded wife connection / W G dec. to GL/ CGL		
Max. stranded wire connection AWG acc. to UL/CUL	8	
· · · · · · · · · · · · · · · · · · ·	8	
Max. stranded wire connection AWG acc. to UL/CUL	8 YES	
Max. stranded wire connection AWG acc. to UL/CUL Environment & Safety		
Max. stranded wire connection AWG acc. to UL/CUL Environment & Safety Back of the hand protection (YES or NO)	YES	
Max. stranded wire connection AWG acc. to UL/CUL Environment & Safety Back of the hand protection (YES or NO) Finger protection (YES or NO)	YES YES	
Max. stranded wire connection AWG acc. to UL/CUL Environment & Safety Back of the hand protection (YES or NO) Finger protection (YES or NO) Operating temperature. max (°C)	YES YES 120	
Max. stranded wire connection AWG acc. to UL/CUL Environment & Safety Back of the hand protection (YES or NO) Finger protection (YES or NO) Operating temperature. max (°C) Operating temperature. min (°C)	YES YES 120	
Max. stranded wire connection AWG acc. to UL/CUL Environment & Safety Back of the hand protection (YES or NO) Finger protection (YES or NO) Operating temperature. max (°C) Operating temperature. min (°C) JL Recognized	YES YES 120 -40	
Max. stranded wire connection AWG acc. to UL/CUL Environment & Safety Back of the hand protection (YES or NO) Finger protection (YES or NO) Operating temperature. max (°C) Operating temperature. min (°C) JL Recognized Wire Range (Group B)(AWG)	YES YES 120 -40	
Max. stranded wire connection AWG acc. to UL/CUL Environment & Safety Back of the hand protection (YES or NO) Finger protection (YES or NO) Operating temperature. max (°C) Operating temperature. min (°C) JL Recognized Wire Range (Group B)(AWG) Rated voltage (Group B)(V)	YES YES 120 -40 20~8 300	
Max. stranded wire connection AWG acc. to UL/CUL Environment & Safety Back of the hand protection (YES or NO) Finger protection (YES or NO) Operating temperature. max (°C) Operating temperature. min (°C) JL Recognized Wire Range (Group B)(AWG) Rated voltage (Group B)(V) Rated current (Group B)(A)	YES YES 120 -40 20~8 300 50	
Max. stranded wire connection AWG acc. to UL/CUL Environment & Safety Back of the hand protection (YES or NO) Finger protection (YES or NO) Operating temperature. max (°C) Operating temperature. min (°C) JL Recognized Wire Range (Group B)(AWG) Rated voltage (Group B)(V) Rated current (Group B)(A) Wire Range (Group C)(AWG)	YES YES 120 -40 20~8 300 50 20~8	
Max. stranded wire connection AWG acc. to UL/CUL Environment & Safety Back of the hand protection (YES or NO) Finger protection (YES or NO) Operating temperature. max (°C) Operating temperature. min (°C) JL Recognized Wire Range (Group B)(AWG) Rated voltage (Group B)(V) Rated current (Group B)(A) Wire Range (Group C)(AWG) Rated voltage (Group C)(V)	YES YES 120 -40 20~8 300 50 20~8 300	
Max. stranded wire connection AWG acc. to UL/CUL Environment & Safety Back of the hand protection (YES or NO) Finger protection (YES or NO) Operating temperature. max (°C) Operating temperature. min (°C) JL Recognized Wire Range (Group B)(AWG) Rated voltage (Group B)(V) Rated current (Group B)(A) Wire Range (Group C)(AWG) Rated voltage (Group C)(V) Rated current (Group C)(A)	YES YES 120 -40 20~8 300 50 20~8 300 50	

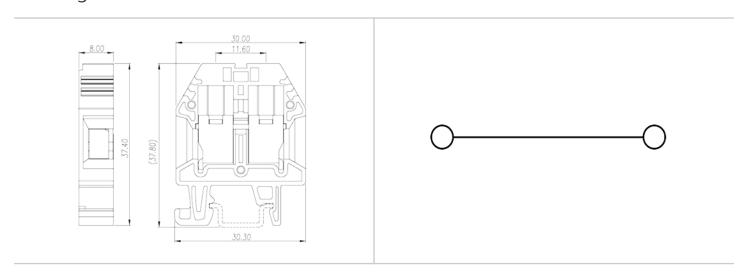
CUL Recognized

Wire Range (Group B)(AWG)	20~8
Rated voltage (Group B)(V)	300
Rated current (Group B)(A)	50
Wire Range (Group C)(AWG)	20~8
Rated voltage (Group C)(V)	300
Rated current (Group C)(A)	50
Wire Ranget (Group D)(AWG)	20~8
Rated voltage (Group D)(V)	300
Rated current (Group D)(A)	10

VDE Approval

Wire Range (mm²)	0.5~6
Rated voltage (V)	500
Rated current (A)	41

Drawings



Approvals







