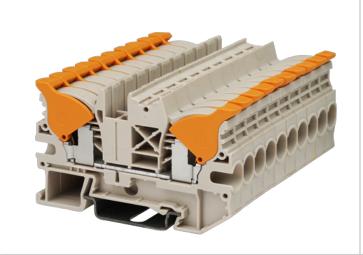
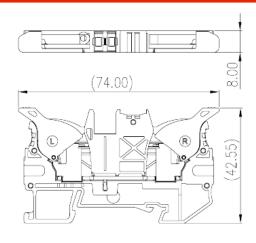


DPH6

DIN Rail Terminal Blocks > Push-in Design

Date:2025-10-31





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

600V, 42A, Beige (default)

General information

Short description	Single level Feed-Through Terminal Block, Push-in Design
Category	Single level Feed Through Terminal Block
Color	Beige (default)
Connection method	Push-in Design
Type of locking	Rail Mounting
Length (mm)	70
Width (mm)	8
Height (mm)	42/ 43.5(TS-35N)/ 51(TS-35/15N)
Level	Single level
Connection points	2

Material information

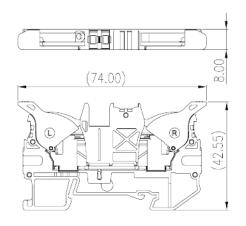
Insulation material	PA
Insulation material group	I
Flame retardant rating , compliant with UL94	V0

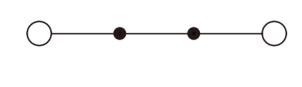


Insulation resistance	≥500MΩ at DC 500V	
Connection data-IEC		
Rated voltage (V)	1000	
Rated current (A)	41	
Rated voltage (III/3)(V)	1000	
Rated impulse voltage (III/3)(KV)	8	
Conductor cross section solid. min (mm²)	0.5	
Conductor cross section solid.max (mm²)	10	
Conductor cross section stranded. 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 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	
Slotted screwdriver size (Blade thickness x Width)(mm)	0.8x4	
Stripping Length (mm)	16~17	
Mounting rail	TS-35N \ TS-35/15N	
End cover plate required	YES	
Grounding connections	NO	
Connection data-UL		
Rated voltage (UL/CUL Group B)(V)	600	
Rated current (UL/CUL Group B)(A)	42	
Rated voltage (UL/CUL Group C)(V)	600	
Rated current (UL/CUL Group C)(A)	42	
Rated voltage (UL/CUL Group D)(V)	600	
Rated current (UL/CUL Group D)(A)	5	
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
Max. stranded wire connection AWG acc. to UL/CUL	8
Environment & Safety	
Back of the hand protection (YES or NO)	YES
Finger protection (YES or NO)	YES
Operating temperature. max (°C)	120
Operating temperature. min (°C)	-40
UL Recognized	
Wire Range (Group B)(AWG)	20~8
Rated voltage (Group B)(V)	600
Rated current (Group B)(A)	42
Wire Range (Group C)(AWG)	20~8
Rated voltage (Group C)(V)	600
Rated current (Group C)(A)	42
Wire Range (Group D)(AWG)	20~8
Rated voltage (Group D)(V)	600
Rated current (Group D)(A)	5
CUL Recognized	
Wire Range (Group B)(AWG)	20~8
Rated voltage (Group B)(V)	600
Rated current (Group B)(A)	42
Wire Range (Group C)(AWG)	20~8
Rated voltage (Group C)(V)	600
Rated current (Group C)(A)	42
Wire Ranget (Group D)(AWG)	20~8
Rated voltage (Group D)(V)	600
Rated current (Group D)(A)	5





Approvals





