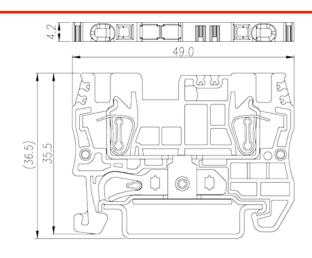


# AK1.5-PE

DIN Rail Terminal Blocks > Spring Clamp Connection

Date:2025-10-22Version:1.1





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**

Green-Yellow (default)

#### General information

Short description	DIN Rail terminal blocks, Grounding terminal blocks
Category	Grounding terminal blocks
Color	Green-Yellow (default)
Connection method	Spring Clamp Connection
Type of locking	Rail Mounting
Length (mm)	49
Width (mm)	4.2
Height (mm)	35.5
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 impulse voltage (III/3)(KV)	8		
Conductor cross section solid. min (mm²)	0.14		
Conductor cross section solid.max (mm²)	1.5		
Conductor cross section stranded. min (mm²)	0.14		
Conductor cross section stranded. max (mm²)	1.5		
Conductor cross section flexible, with min ferrule without plastic sleeve (mm²)	0.25		
Conductor cross section flexible, with max ferrule without plastic sleeve (mm²)	0.75		
Conductor cross section flexible, with min ferrule with plastic sleeve (mm²)	0.25		
Conductor cross section flexible, with max ferrule with plastic sleeve (mm²)	0.75		
Slotted screwdriver size (Blade thickness x Width)(mm)	0.4x2.5		
Stripping Length (mm)	10		
Mounting rail	TS-35		
End cover plate required	YES		
Grounding connections	YES		
Connection data-UL			
Min. solid wire connection (AWG) acc. to UL/CUL	30		
Max. solid wire connection AWG acc. to UL/CUL	14		
Min. stranded wire connection AWG acc. to UL/CUL	30		
Max. stranded wire connection AWG acc. to UL/CUL	14		
Environment & Safety			
Back of the hand protection (YES or NO)	YES		
	VEC		
Finger protection (YES or NO)	YES		
Finger protection (YES or NO)  Operating temperature. max (°C)	120		
Operating temperature. max (°C)	120		
Operating temperature. max (°C) Operating temperature. min (°C)	120		



Wire Range (Group C)(AWG)	30~14
Rated voltage (Group C)(V)	600

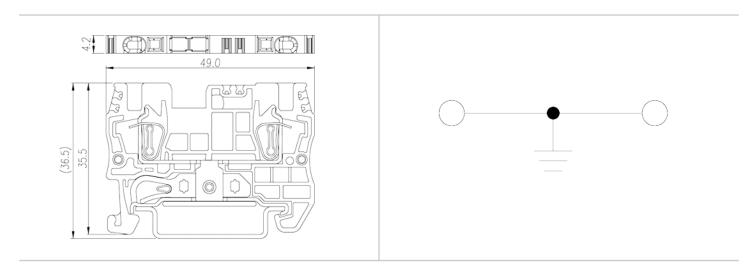
### **CUL** Recognized

Wire Range (Group B)(AWG)	30~14
Rated voltage (Group B)(V)	600
Wire Range (Group C)(AWG)	30~14
Rated voltage (Group C)(V)	600

### **VDE** Approval

Wire Range (mm²)	0.14~1.5
Rated voltage (V)	630

## Drawings



# Approvals







