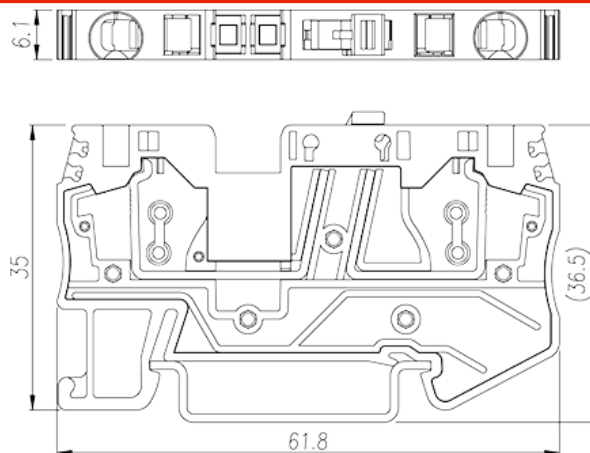
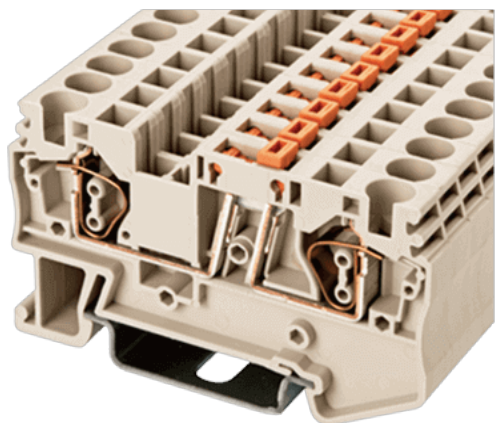


# AK4-TG

DIN Rail Terminal Blocks > Spring Clamp Connection

Date:2018-03-16Version: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

300V, 20A , Grey color

## General information

Short description	DIN Rail terminal blocks , Disconnect terminal blocks
Category	Disconnect terminal blocks
Color	Grey(default)
Connection method	Spring Clamp Connection
Type of locking	Rail Mounting
Length (mm)	61.10
Width (mm)	61.80
Height (mm)	36.70
Level	Single level
Connection points	2

## Material information

Insulation material	PA66
Insulation material group	I
Flame retardant rating , compliant with UL94	V0

Conductor material	Copper Alloy
Plating of conductor surface	Tinned

## Connection data-IEC

Rated voltage (V)	400
Rated current (A)	30
Rated voltage (III/3)(V)	400
Rated impulse voltage (II/2)(KV)	6
Rated impulse voltage (III/2)(KV)	6
Rated impulse voltage (III/3)(KV)	6
Conductor cross section solid. min (mm <sup>2</sup> )	0.2
Conductor cross section solid.max (mm <sup>2</sup> )	4
Conductor cross section stranded. min (mm <sup>2</sup> )	0.2
Conductor cross section stranded. max (mm <sup>2</sup> )	4
Conductor cross section flexible, with min ferrule without plastic sleeve (mm <sup>2</sup> )	0.25
Conductor cross section flexible, with max ferrule without plastic sleeve (mm <sup>2</sup> )	2.5
Conductor cross section flexible, with min ferrule with plastic sleeve (mm <sup>2</sup> )	0.25
Conductor cross section flexible, with max ferrule with plastic sleeve (mm <sup>2</sup> )	2.5
2 conductors with same cross section flexible, min twin ferrules with plastic sleeve (mm <sup>2</sup> )	0.5
2 conductors with same cross section flexible, max twin ferrules with plastic sleeve (mm <sup>2</sup> )	0.5
Slotted screwdriver size (Blade thickness x Width)(mm)	0.6x3.5
Stripping Length (mm)	10
Mounting rail	TS-35
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)	20
Rated voltage (UL/CUL Group C)(V)	300
Rated current (UL/CUL Group C)(A)	20
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	28
Max. solid wire connection AWG acc. to UL/CUL	10
Min. stranded wire connection AWG acc. to UL/CUL	28
Max. stranded wire connection AWG acc. to UL/CUL	10

## Environment & Safety

Back of the hand protection (YES or NO)	YES
Finger protection (YES or NO)	YES
Operating temperature. max (°C)	115
Operating temperature. min (°C)	-40

## UL Approvals

Wire Range (Group B)(AWG)	28~10
Rated voltage (Group B)(V)	300
Rated current (Group B)(A)	20
Wire Range (Group C)(AWG)	28~10
Rated voltage (Group C)(V)	300
Rated current (Group C)(A)	20
Wire Range (Group D)(AWG)	28~10
Rated voltage (Group D)(V)	600
Rated current (Group D)(A)	5

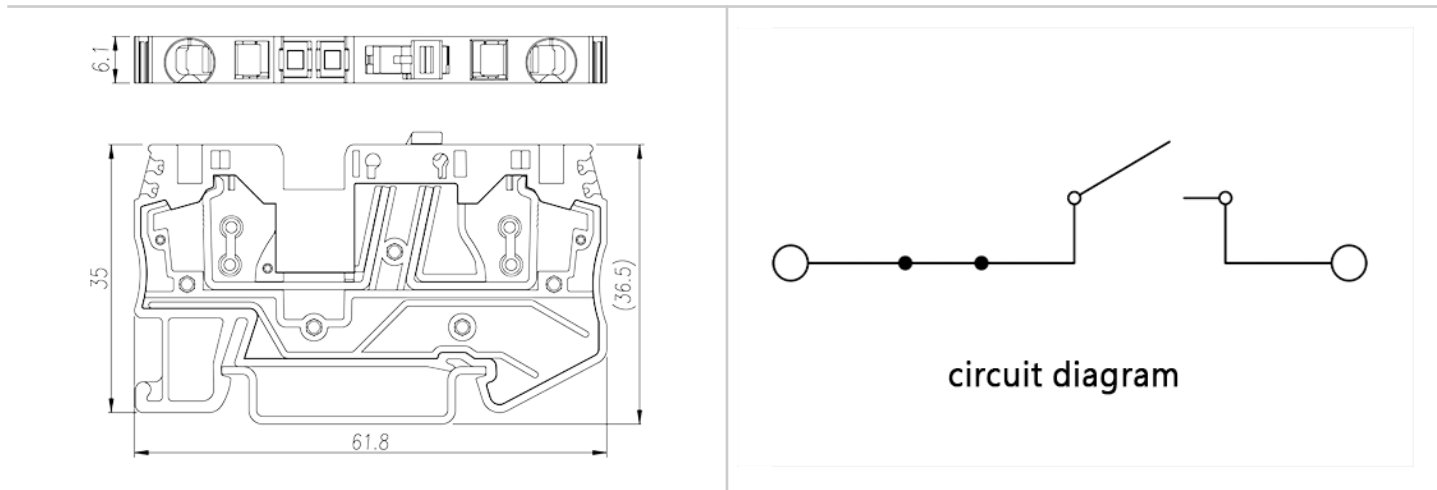
## CUL Approvals

Wire Range (Group B)(AWG)	28~10
Rated voltage (Group B)(V)	300
Rated current (Group B)(A)	20
Wire Range (Group C)(AWG)	28~10
Rated voltage (Group C)(V)	300
Rated current (Group C)(A)	20
Wire Range (Group D)(AWG)	28~10
Rated voltage (Group D)(V)	600
Rated current (Group D)(A)	5

## VDE Approvals

Wire Range (mm <sup>2</sup> )	0.2~4
Rated voltage (V)	400
Rated current (A)	30

## Drawings



## Approvals

