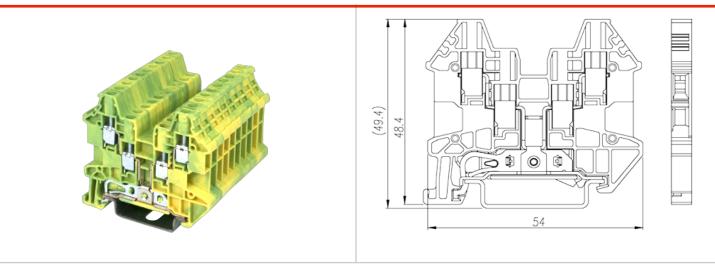


# DK2.5N-TR-PE DIN Rail Terminal Blocks > Screw Connection

Date:2024-05-02Version: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**

M2.5, Green-Yellow (default)

#### General information

Short description	DIN rail terminal blocks, Grounding terminal blocks
Category	Grounding terminal blocks
Color	Green-Yellow (default)
Connection method	Screw connection
Type of locking	Rail mounting
Length (mm)	5.1
Width (mm)	55.1
Height (mm)	48.4
Level	Double level
Connection points	4

#### Material information

Insulation material	PA
Insulation material group	I
Flame retardant rating , compliant with UL94	VO
Insulation resistance	□500MΩ at DC 500V



#### Connection data-IEC

Rated impulse voltage (II/2)(KV)8Rated impulse voltage (II/2)(KV)8Conductor cross section solid. min (mm²)0.14Conductor cross section solid. min (mm²)0.14Conductor cross section solid. max (mm²)0.14Conductor cross section stranded. min (mm²)0.14Conductor cross section flexible, with min ferrule0.25Conductor cross section flexible, with max ferrule0.25Conductor cross section flexible, with max ferrule0.25Conductor cross section flexible, with max ferrule with plastic sleeve (mm²)0.25Conductor cross section flexible, with max ferrule with plastic sleeve (mm²)0.25Conductor cross section flexible, with max ferrule with plastic sleeve (mm²)0.25Conductors with same cross section, stranded, max (mm²)1.52 conductors with same cross section flexible, with min ferrule without plastic sleeve (mm?)0.252 conductors with same cross section flexible, with min ferrule without plastic sleeve (mm?)0.52 conductors with same cross section flexible, with min ferrule without plastic sleeve (mm?)0.52 conductors with same cross section flexible, min twin ferrules with plastic sleeve (mm?)0.52 conductors with same cross section flexible, max twin ferrules with plastic sleeve (mm?)0.62 conductors with same cross section flexible, max twin ferrules with plastic sleeve (mm?)0.62 conductors with same cross section flexible, max twin ferrules with plastic sleeve (mm?)0.62 conductors with same cross section flexible, max twin ferrules with plastic s	Rated impulse voltage (II/2)(KV)	8
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(mm²)2 conductors with same cross section flexible, with min ferrule without plastic sleeve (mm²)0.252 conductors with same cross section flexible, with max ferrule without plastic sleeve (mm²)12 conductors with same cross section flexible, min twin ferrules with plastic sleeve (mm²)0.52 conductors with same cross section flexible, max twin ferrules with plastic sleeve (mm²)12 conductors with same cross section flexible, max twin ferrules with plastic sleeve (mm²)15 crew threadM2.5Slotted screwdriver size (Blade thickness x Width)(mm)0.6x3.5Philips screwdriver sizePH0Rated torque (N.m)0.4Stripping Length (mm)9~11Mounting railTS-35End cover plate requiredYES	2 conductors with same cross section, solid, max (mm <sup>2</sup> )	1.5
ferrule without plastic sleeve (mm²)Image: clear clea		1.5
ferrule without plastic sleeve (mm²)0.52 conductors with same cross section flexible, min twin ferrules with plastic sleeve (mm²)0.52 conductors with same cross section flexible, max twin ferrules with plastic sleeve (mm²)1Screw threadM2.5Slotted screwdriver size (Blade thickness x Width)(mm)0.6x3.5Philips screwdriver sizePH0Rated torque (N.m)0.4Stripping Length (mm)9~11Mounting railTS-35End cover plate requiredYES	2 conductors with same cross section flexible, with min ferrule without plastic sleeve (mm <sup>2</sup> )	0.25
ferrules with plastic sleeve (mm²)2 conductors with same cross section flexible, max twin ferrules with plastic sleeve (mm²)Screw threadM2.5Slotted screwdriver size (Blade thickness x Width)(mm)0.6x3.5Philips screwdriver sizePH0Rated torque (N.m)0.4Stripping Length (mm)9~11Mounting railTS-35End cover plate requiredYES	2 conductors with same cross section flexible, with max ferrule without plastic sleeve (mm <sup>2</sup> )	1
ferrules with plastic sleeve (mm²)M2.5Screw threadM2.5Slotted screwdriver size (Blade thickness x Width)(mm)0.6x3.5Philips screwdriver sizePH0Rated torque (N.m)0.4Stripping Length (mm)9~11Mounting railTS-35End cover plate requiredYES	2 conductors with same cross section flexible, min twin ferrules with plastic sleeve (mm <sup>2</sup> )	0.5
Slotted screwdriver size (Blade thickness x Width)(mm)0.6x3.5Philips screwdriver sizePH0Rated torque (N.m)0.4Stripping Length (mm)9~11Mounting railTS-35End cover plate requiredYES	2 conductors with same cross section flexible, max twin ferrules with plastic sleeve (mm <sup>2</sup> )	1
Philips screwdriver sizePH0Rated torque (N.m)0.4Stripping Length (mm)9~11Mounting railTS-35End cover plate requiredYES	Screw thread	M2.5
Rated torque (N.m)0.4Stripping Length (mm)9~11Mounting railTS-35End cover plate requiredYES	Slotted screwdriver size (Blade thickness x Width)(mm)	0.6x3.5
Stripping Length (mm)9~11Mounting railTS-35End cover plate requiredYES	Philips screwdriver size	PHO
Mounting railTS-35End cover plate requiredYES	Rated torque (N.m)	0.4
End cover plate required YES	Stripping Length (mm)	9~11
	Mounting rail	TS-35
Grounding connections YES	End cover plate required	YES
	Grounding connections	YES

#### Connection data-UL

Min. solid wire connection (AWG) acc. to UL/CUL	28
Max. solid wire connection AWG acc. to UL/CUL	12



Min. stranded wire connection AWG acc. to UL/CUL	28
Max. stranded wire connection AWG acc. to UL/CUL	12

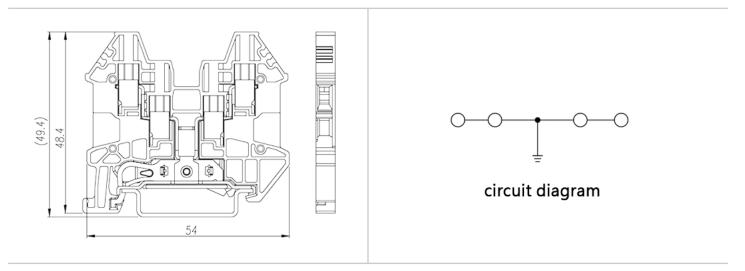
### Environment & Safety

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

### VDE Approval

Wire Range (mm <sup>2</sup> )	014~25
vvile Kalige (IIIII-)	0.14~2.5

# Drawings



# Approvals





