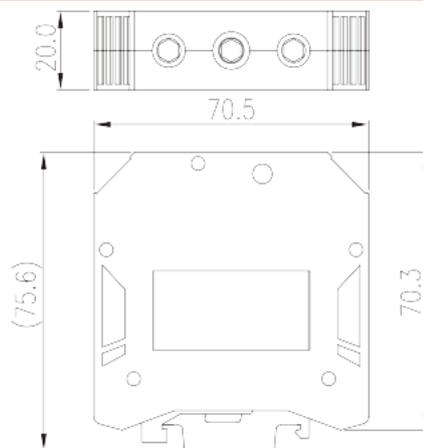


DK50-PE

DIN Rail Terminal Blocks > Screw Connection

Date:2026-04-19Version: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

M6, 600V, 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) | 70.5 |
| Width (mm) | 20 |
| Height (mm) | 75.6 |
| 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

 $\geq 500M\Omega$ at DC 500V

Connection data-IEC

| | |
|---|-------|
| Rated voltage (V) | 1000 |
| Rated voltage (III/3)(V) | 1000 |
| Rated impulse voltage (II/2)(KV) | 8 |
| Rated impulse voltage (III/2)(KV) | 8 |
| Rated impulse voltage (III/3)(KV) | 8 |
| Conductor cross section solid. min (mm ²) | 16 |
| Conductor cross section solid.max (mm ²) | 50 |
| Conductor cross section stranded. min (mm ²) | 16 |
| Conductor cross section stranded. max (mm ²) | 50 |
| Conductor cross section flexible, with min ferrule without plastic sleeve (mm ²) | 16 |
| Conductor cross section flexible, with max ferrule without plastic sleeve (mm ²) | 50 |
| Conductor cross section flexible, with min ferrule with plastic sleeve (mm ²) | 16 |
| Conductor cross section flexible, with max ferrule with plastic sleeve (mm ²) | 50 |
| 2 conductors with same cross section, solid, min (mm ²) | 16 |
| 2 conductors with same cross section, solid, max (mm ²) | 16 |
| 2 conductors with same cross section, stranded, min (mm ²) | 16 |
| 2 conductors with same cross section, stranded, max (mm ²) | 16 |
| 2 conductors with same cross section flexible, with min ferrule without plastic sleeve (mm ²) | 16 |
| 2 conductors with same cross section flexible, with max ferrule without plastic sleeve (mm ²) | 16 |
| Screw thread | M6 |
| Rated torque (N.m) | 7.9 |
| Stripping Length (mm) | 20~25 |
| Mounting rail | TS-35 |
| End cover plate required | NO |
| Grounding connections | YES |

Connection data-UL

| | |
|-----------------------------------|-----|
| Rated voltage (UL/CUL Group B)(V) | 600 |
|-----------------------------------|-----|

| | |
|--|-------------|
| Rated voltage (UL/CUL Group C)(V) | 600 |
| Rated voltage (UL/CUL Group D)(V) | 600 |
| Min. solid wire connection (AWG) acc. to UL/CUL | 6 |
| Max. solid wire connection AWG acc. to UL/CUL | 2sol,1/0str |
| Min. stranded wire connection AWG acc. to UL/CUL | 6 |
| Max. stranded wire connection AWG acc. to UL/CUL | 2sol,1/0str |

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) | 6~1/0str,2sol |
| Rated voltage (Group B)(V) | 600 |
| Wire Range (Group C)(AWG) | 6~1/0str,2sol |
| Rated voltage (Group C)(V) | 600 |
| Wire Range (Group D)(AWG) | 6~1/0str,2sol |
| Rated voltage (Group D)(V) | 600 |

CUL Recognized

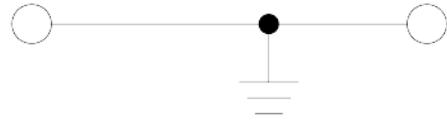
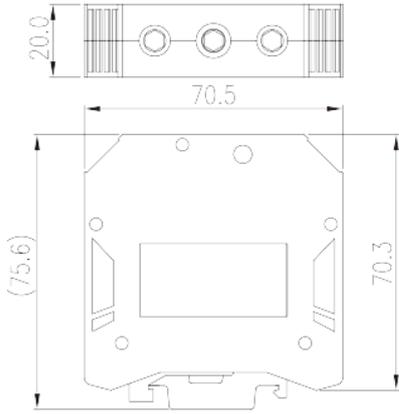
| | |
|----------------------------|---------------|
| Wire Range (Group B)(AWG) | 6~1/0str,2sol |
| Rated voltage (Group B)(V) | 600 |
| Wire Range (Group C)(AWG) | 6~1/0str,2sol |
| Rated voltage (Group C)(V) | 600 |
| Wire Ranget (Group D)(AWG) | 6~1/0str,2sol |
| Rated voltage (Group D)(V) | 600 |

VDE Approval

| | |
|-------------------------------|-------|
| Wire Range (mm ²) | 16~50 |
|-------------------------------|-------|

Drawings

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|--|--|
| | |
|--|--|



Approvals

