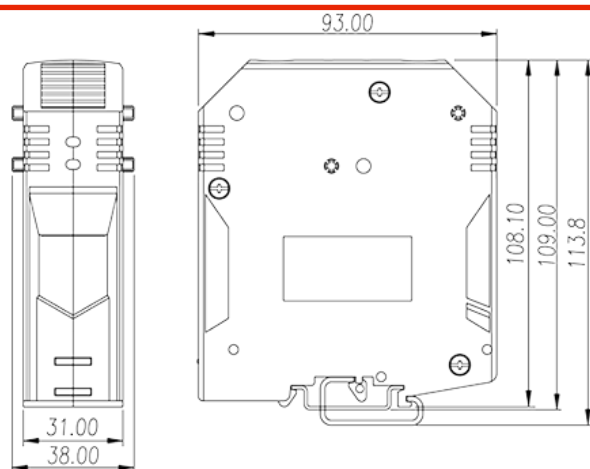
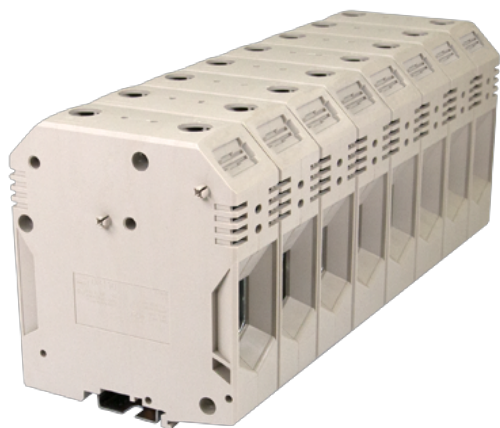


# DK150

DIN Rail Terminal Blocks > Screw Connection

Date:2026-03-23Version: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

M10, 600V, 275A, Beige (default)

## General information

|                     |                                                        |
|---------------------|--------------------------------------------------------|
| Short description   | DIN rail terminal blocks, Feed through terminal blocks |
| Category            | Feed through terminal blocks                           |
| Color               | Beige (default)                                        |
| Connection method   | Screw connection                                       |
| Type of locking     | Rail mounting                                          |
| Length (mm)         | 93                                                     |
| Width (mm)          | 38                                                     |
| Height (mm)         | 108.1                                                  |
| 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

 $\geq 500\text{M}\Omega$  at DC 500V

## Connection data-IEC

|                                                                                              |       |
|----------------------------------------------------------------------------------------------|-------|
| Rated voltage (V)                                                                            | 1000  |
| Rated current (A)                                                                            | 309   |
| Rated voltage (III/3)(V)                                                                     | 1000  |
| Rated impulse voltage (III/3)(KV)                                                            | 8     |
| Conductor cross section solid. min (mm <sup>2</sup> )                                        | 35    |
| Conductor cross section solid.max (mm <sup>2</sup> )                                         | 150   |
| Conductor cross section stranded. min (mm <sup>2</sup> )                                     | 35    |
| Conductor cross section stranded. max (mm <sup>2</sup> )                                     | 150   |
| Conductor cross section flexible, with min ferrule without plastic sleeve (mm <sup>2</sup> ) | 35    |
| Conductor cross section flexible, with max ferrule without plastic sleeve (mm <sup>2</sup> ) | 150   |
| Screw thread                                                                                 | M10   |
| Philips screwdriver size                                                                     | #8    |
| Rated torque (N.m)                                                                           | 19    |
| Stripping Length (mm)                                                                        | 35~37 |
| Mounting rail                                                                                | TS-35 |
| End cover plate required                                                                     | NO    |
| Grounding connections                                                                        | NO    |

## Connection data-UL

|                                                  |                                                                      |
|--------------------------------------------------|----------------------------------------------------------------------|
| Rated voltage (UL/CUL Group B)(V)                | 600                                                                  |
| Rated current (UL/CUL Group B)(A)                | 125A : 2AWG (Sol) 275A : 2AWG(Str) ~300 kcmil<br>205A : 2x(2~1/0)AWG |
| Rated voltage (UL/CUL Group C)(V)                | 600                                                                  |
| Rated current (UL/CUL Group C)(A)                | 125A : 2AWG (Sol) 275A : 2AWG(Str) ~300 kcmil<br>205A : 2x(2~1/0)AWG |
| Min. solid wire connection (AWG) acc. to UL/CUL  | 2                                                                    |
| Max. solid wire connection AWG acc. to UL/CUL    | 300 kcmil                                                            |
| Min. stranded wire connection AWG acc. to UL/CUL | 2                                                                    |
| Max. stranded wire connection AWG acc. to UL/CUL | 300 kcmil                                                            |

## Environment & Safety

|                                         |     |
|-----------------------------------------|-----|
| Back of the hand protection (YES or NO) | YES |
|-----------------------------------------|-----|

|                                 |     |
|---------------------------------|-----|
| Finger protection (YES or NO)   | NO  |
| Operating temperature. max (°C) | 120 |
| Operating temperature. min (°C) | -40 |

## UL Recognized

|                            |                                                                      |
|----------------------------|----------------------------------------------------------------------|
| Wire Range (Group B)(AWG)  | 2~300 kcmil                                                          |
| Rated voltage (Group B)(V) | 600                                                                  |
| Rated current (Group B)(A) | 125A : 2AWG (Sol) 275A : 2AWG(Str) ~300 kcmil<br>205A : 2x(2~1/0)AWG |
| Wire Range (Group C)(AWG)  | 2~300 kcmil                                                          |
| Rated voltage (Group C)(V) | 600                                                                  |
| Rated current (Group C)(A) | 125A : 2AWG (Sol) 275A : 2AWG(Str) ~300 kcmil<br>205A : 2x(2~1/0)AWG |

## CUL Recognized

|                            |                                                                      |
|----------------------------|----------------------------------------------------------------------|
| Wire Range (Group B)(AWG)  | 2~300 kcmil                                                          |
| Rated voltage (Group B)(V) | 600                                                                  |
| Rated current (Group B)(A) | 125A : 2AWG (Sol) 275A : 2AWG(Str) ~300 kcmil<br>205A : 2x(2~1/0)AWG |
| Wire Range (Group C)(AWG)  | 2~300 kcmil                                                          |
| Rated voltage (Group C)(V) | 600                                                                  |
| Rated current (Group C)(A) | 125A : 2AWG (Sol) 275A : 2AWG(Str) ~300 kcmil<br>205A : 2x(2~1/0)AWG |

## VDE Approval

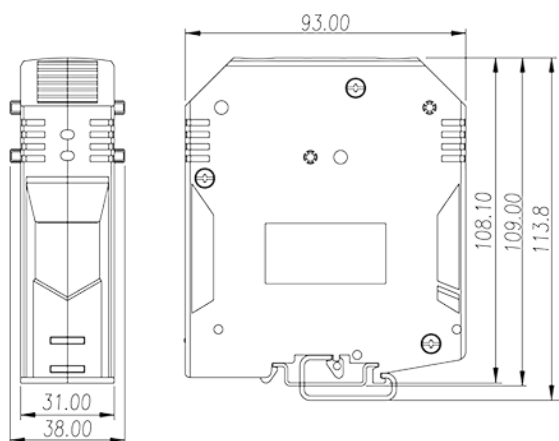
|                               |        |
|-------------------------------|--------|
| Wire Range (mm <sup>2</sup> ) | 35~150 |
| Rated voltage (V)             | 1000   |
| Rated current (A)             | 309    |

## Explosion - proof Approvals

|                               |        |
|-------------------------------|--------|
| Wire Range (mm <sup>2</sup> ) | 35~150 |
| Rated voltage (V)             | 1000   |
| Rated current (A)             | 309    |

## Drawings

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



## Approvals

