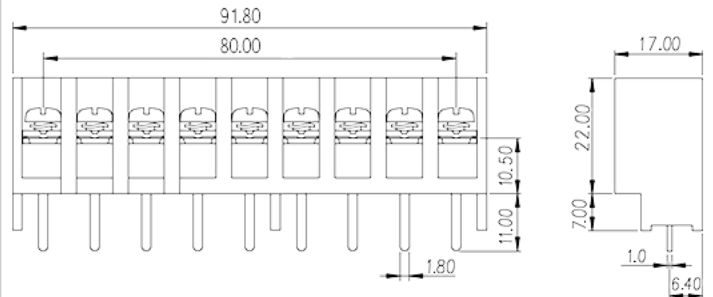
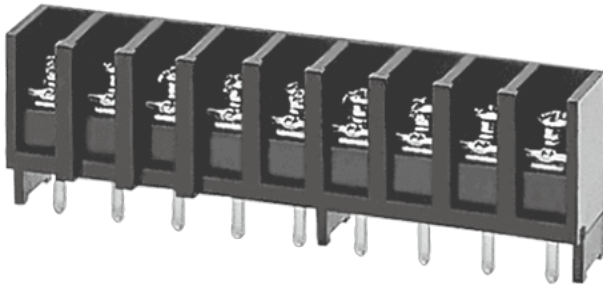


# 0032-0109

Barrier Terminal Blocks &gt; Single Row

Date:2025-08-03Version: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

Pitch: 10.00mm, M4, 300V, 30 Str/25Sol

## General information

|  |   |
|--|---|
| Short description                      | Barrier terminal blocks, Screw connection |
| Category                               | Single Row                                |
| Pitch (mm)                             | 10  |
| Color                                  | Black (default)                           |
| Connection method                      | Screw connection                          |
| Type of locking                        | Without                                   |
| Pin demensions (Thickness x Width)(mm) | 1.0X1.8                                   |
| PCB hole diameter (mm)                 | 2.5                                       |
| Level                                  | Single Row                                |

## Material information

|  |              |
|--|--------------|
| Insulation material                          | PBT          |
| Insulation material group                    | IIIa         |
| Flame retardant rating , compliant with UL94 | V0           |
| Conductor material                           | Copper Alloy |
| Plating of conductor surface                 | Tinned       |

## Connection data-IEC

|  |         |
|--|---------|
| Rated current (A)  | 32      |
| Rated voltage (II/2)(V)  | 1000    |
| Rated voltage (III/2) (V)  | 1000    |
| Rated voltage (III/3)(V)   | 500     |
| 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 <sup>2</sup> )                  | 0.75    |
| Conductor cross section solid.max (mm <sup>2</sup> )                   | 4       |
| Conductor cross section stranded. min (mm <sup>2</sup> )               | 0.75    |
| Conductor cross section stranded. max (mm <sup>2</sup> )               | 4       |
| 2 conductors with same cross section, solid, max (mm <sup>2</sup> )    | 2.5     |
| 2 conductors with same cross section, stranded, max (mm <sup>2</sup> ) | 2.5     |
| Screw thread   | M4      |
| Slotted screwdriver size (Blade thickness x Width)(mm)                 | 1.0x5.5 |
| Philips screwdriver size   | PH2     |
| Rated torque (N.m)   | 1.6     |
| Recommend tightening torque. min (N.m)                                 | 1.2     |
| Recommend tightening torque. max (N.m)                                 | 1.6     |
| Stripping Length (mm)  | 10~11   |

## Connection data-UL

|  |               |
|--|---------------|
| Rated voltage (UL/CUL Group B)(V)                | 300           |
| Rated current (UL/CUL Group B)(A)                | 30 Str/25 Sol |
| Rated voltage (UL/CUL Group C)(V)                | 300           |
| Rated current (UL/CUL Group C)(A)                | 30 Str/25 Sol |
| 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  | 18            |
| Max. solid wire connection AWG acc. to UL/CUL    | 10            |
| Min. stranded wire connection AWG acc. to UL/CUL | 18            |
| Max. stranded wire connection AWG acc. to UL/CUL | 10            |

## Environment & Safety

|   |     |
|---|-----|
| Back of the hand protection (YES or NO) | YES |
| Operating temperature. max (°C)         | 120 |
| Operating temperature. min (°C)         | -40 |

## UL Recognized

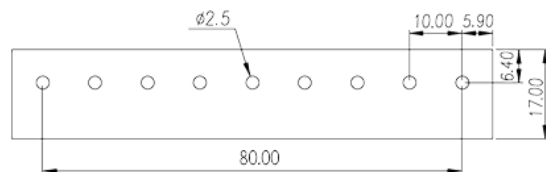
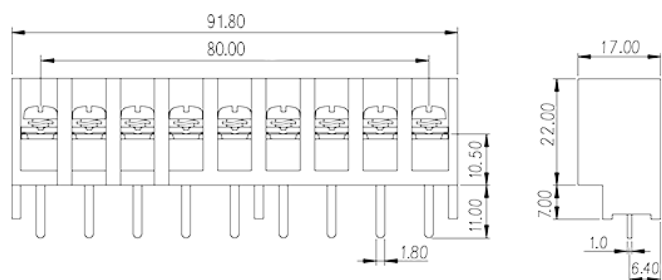
|                            |               |
|----------------------------|---------------|
| Wire Range (Group B)(AWG)  | 18~10         |
| Rated voltage (Group B)(V) | 300           |
| Rated current (Group B)(A) | 30 Str/25 Sol |
| Wire Range (Group C)(AWG)  | 18~10         |
| Rated voltage (Group C)(V) | 300           |
| Rated current (Group C)(A) | 30 Str/25 Sol |
| Wire Range (Group D)(AWG)  | 18~10         |
| Rated voltage (Group D)(V) | 600           |
| Rated current (Group D)(A) | 5             |

## CUL Recognized

|                            |               |
|----------------------------|---------------|
| Wire Range (Group B)(AWG)  | 18~10         |
| Rated voltage (Group B)(V) | 300           |
| Rated current (Group B)(A) | 30 Str/25 Sol |
| Wire Range (Group C)(AWG)  | 18~10         |
| Rated voltage (Group C)(V) | 300           |
| Rated current (Group C)(A) | 30 Str/25 Sol |
| Wire Range (Group D)(AWG)  | 18~10         |
| Rated voltage (Group D)(V) | 600           |
| Rated current (Group D)(A) | 5             |

## Drawings

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



## Approvals

