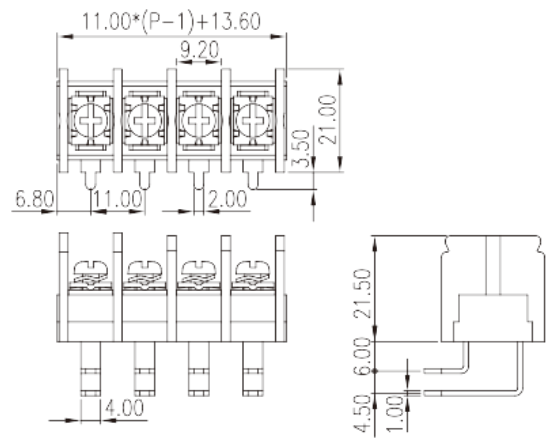
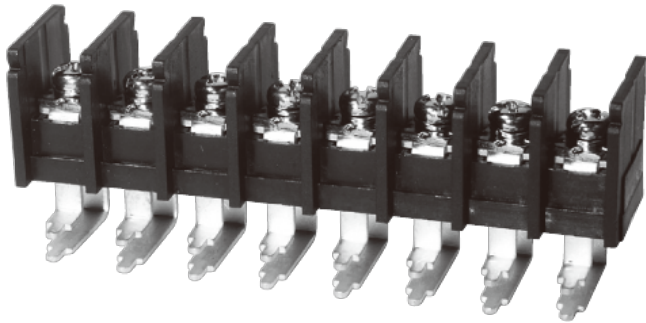


# DT-66-B11W-XX

Barrier Terminal Blocks &gt; Single Row

Date:2026-09-11Version: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: 11.00mm , M4, 300V, 40A

## General information

|                                        |                                            |
|----------------------------------------|--------------------------------------------|
| Short description                      | Barrier terminal blocks , Screw connection |
| Category                               | Single Row                                 |
| Pitch (mm)                             | 11.00                                      |
| Color                                  | Black(default)                             |
| Connection method                      | Screw connection                           |
| Type of locking                        | Without                                    |
| Pin demensions (Thickness x Width)(mm) | 1.0X2.0                                    |
| PCB hole diameter (mm)                 | 2.7                                        |
| 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)                                         | 41      |
| Rated voltage (II/2)(V)                                   | 800     |
| Rated voltage (III/2) (V)                                 | 800     |
| Rated voltage (III/3)(V)                                  | 400     |
| 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 (mm²)                  | 0.75    |
| Conductor cross section solid.max (mm²)                   | 6       |
| Conductor cross section stranded. min (mm²)               | 0.75    |
| Conductor cross section stranded. max (mm²)               | 6       |
| 2 conductors with same cross section, solid, max (mm²)    | 4       |
| 2 conductors with same cross section, stranded, max (mm²) | 4       |
| Screw thread                                              | M4      |
| Slotted screwdriver size (Blade thickness x Width)(mm)    | 1.0x5.5 |
| Philips screwdriver size                                  | PH2     |
| Rated torque (N.m)                                        | 1.7     |
| Recommend tightening torque. min (N.m)                    | 1.2     |
| Recommend tightening torque. max (N.m)                    | 1.7     |
| Stripping Length (mm)                                     | 12~13   |

## Connection data-UL

|                                                  |     |
|--------------------------------------------------|-----|
| Rated voltage (UL/CUL Group B)(V)                | 300 |
| Rated current (UL/CUL Group B)(A)                | 40  |
| Rated voltage (UL/CUL Group D)(V)                | 300 |
| Rated current (UL/CUL Group D)(A)                | 10  |
| Min. solid wire connection (AWG) acc. to UL/CUL  | 18  |
| Max. solid wire connection AWG acc. to UL/CUL    | 8   |
| Min. stranded wire connection AWG acc. to UL/CUL | 18  |
| Max. stranded wire connection AWG acc. to UL/CUL | 8   |

## Environment & Safety

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

|                                 |     |
|---------------------------------|-----|
| Operating temperature. max (°C) | 130 |
| Operating temperature. min (°C) | -40 |

## UL Recognized

|                            |      |
|----------------------------|------|
| Wire Range (Group B)(AWG)  | 18~8 |
| Rated voltage (Group B)(V) | 300  |
| Rated current (Group B)(A) | 40   |
| Wire Range (Group D)(AWG)  | 18~8 |
| Rated voltage (Group D)(V) | 300  |
| Rated current (Group D)(A) | 10   |

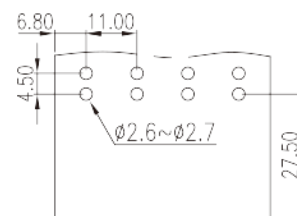
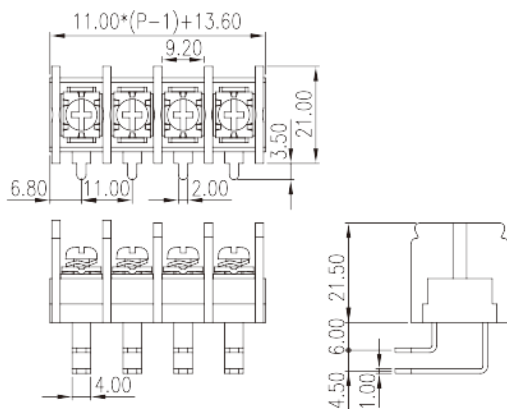
## CUL Recognized

|                            |      |
|----------------------------|------|
| Wire Range (Group B)(AWG)  | 18~8 |
| Rated voltage (Group B)(V) | 300  |
| Rated current (Group B)(A) | 40   |
| Wire Range (Group D)(AWG)  | 18~8 |
| Rated voltage (Group D)(V) | 300  |
| Rated current (Group D)(A) | 10   |

## VDE Approval

|                               |        |
|-------------------------------|--------|
| Wire Range (mm <sup>2</sup> ) | 0.75~6 |
| Rated current (A)             | 41     |

## Drawings



## Approvals

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