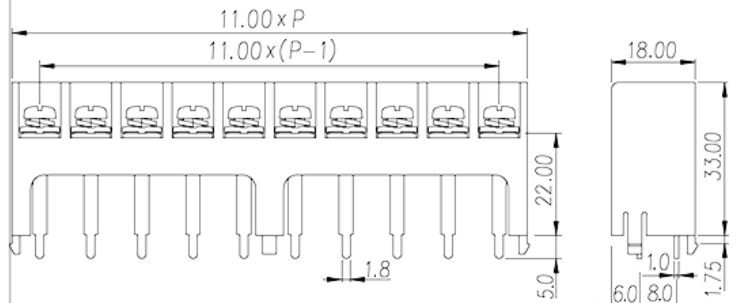
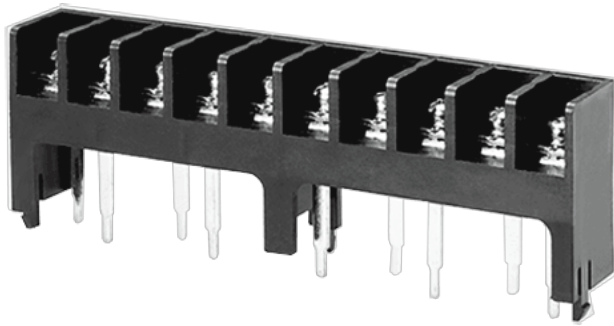


# 0032-13XX

Barrier Terminal Blocks &gt; Single Row

Date:2025-08-14Version: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, 600V, 30A

## General information

|                                        |                                           |
|----------------------------------------|-------------------------------------------|
| Short description                      | Barrier terminal blocks, Screw connection |
| Category                               | Single Row                                |
| Pitch (mm)                             | 11                                        |
| Color                                  | Black (default)                           |
| Connection method                      | Screw connection                          |
| Type of locking                        | Without                                   |
| Soldering method                       | Wave Soldering                            |
| Length (mm)                            | 111                                       |
| Width (mm)                             | 18                                        |
| Height (mm)                            | 33                                        |
| Pin dimensions (Thickness x Width)(mm) | 1.0x1.8                                   |
| PCB hole diameter (mm)                 | 2.5                                       |
| Number of positions                    | 10P                                       |
| Level                                  | Single Row                                |

## Material information

|                                              |                    |
|----------------------------------------------|--------------------|
| Insulation material                          | PBT                |
| Insulation material group                    | IIIa               |
| Flame retardant rating , compliant with UL94 | V0                 |
| Insulation resistance                        | □1000MΩ at DC 500V |
| Conductor material                           | COPPER ALLOY       |
| Plating of conductor surface                 | Tin PLATED         |

## Connection data-IEC

|                                                           |         |
|-----------------------------------------------------------|---------|
| Rated voltage (V)                                         | 1000    |
| 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 (mm²)                  | 0.75    |
| Conductor cross section solid.max (mm²)                   | 4       |
| Conductor cross section stranded. min (mm²)               | 0.75    |
| Conductor cross section stranded. max (mm²)               | 4       |
| 2 conductors with same cross section, solid, max (mm²)    | 2.5     |
| 2 conductors with same cross section, stranded, max (mm²) | 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) | 600 |
| Rated current (UL/CUL Group B)(A) | 30  |
| Rated voltage (UL/CUL Group C)(V) | 600 |

|                                                  |     |
|--------------------------------------------------|-----|
| Rated current (UL/CUL Group C)(A)                | 30  |
| 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  | 24  |
| Max. solid wire connection AWG acc. to UL/CUL    | 10  |
| Min. stranded wire connection AWG acc. to UL/CUL | 24  |
| 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 |

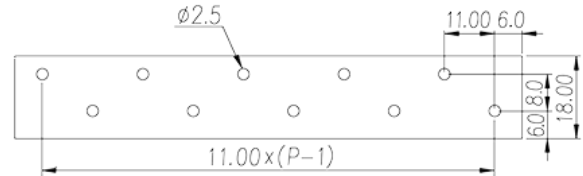
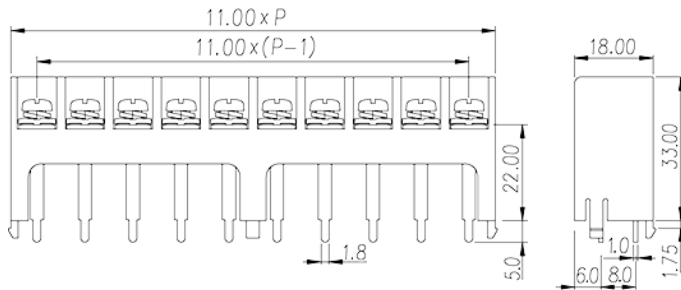
## UL Recognized

|                            |       |
|----------------------------|-------|
| Wire Range (Group B)(AWG)  | 24~10 |
| Rated voltage (Group B)(V) | 600   |
| Rated current (Group B)(A) | 30    |
| Wire Range (Group C)(AWG)  | 24~10 |
| Rated voltage (Group C)(V) | 600   |
| Rated current (Group C)(A) | 30    |
| Wire Range (Group D)(AWG)  | 24~10 |
| Rated voltage (Group D)(V) | 600   |
| Rated current (Group D)(A) | 5     |

## CUL Recognized

|                            |       |
|----------------------------|-------|
| Wire Range (Group B)(AWG)  | 24~10 |
| Rated voltage (Group B)(V) | 600   |
| Rated current (Group B)(A) | 30    |
| Wire Range (Group C)(AWG)  | 24~10 |
| Rated voltage (Group C)(V) | 600   |
| Rated current (Group C)(A) | 30    |
| Wire Range (Group D)(AWG)  | 24~10 |
| Rated voltage (Group D)(V) | 600   |
| Rated current (Group D)(A) | 5     |

## Drawings



## Approvals

