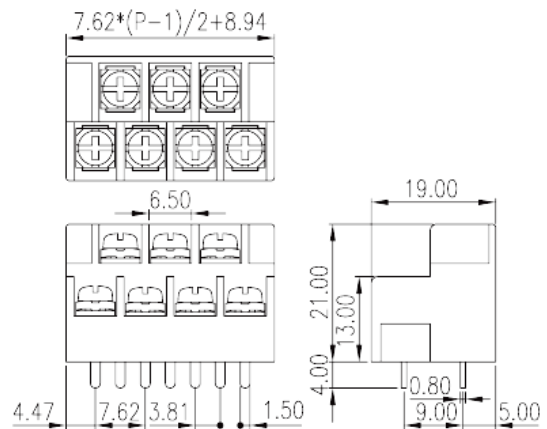
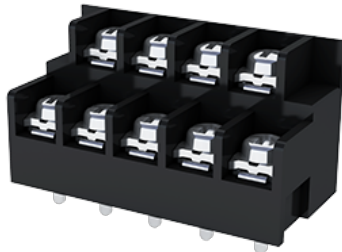


# 0032-23XX

Barrier Terminal Blocks &gt; Bi-level

Date:2025-08-12



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: 7.62mm, M3, 300V, 20A

## General information

|                                        |                                |
|----------------------------------------|--------------------------------|
| Short description                      | Bi-level, Screw Connection     |
| Category                               | Bi-level                       |
| Pitch (mm)                             | 7.62                           |
| Color                                  | Black (default)                |
| Connection method                      | Screw connection               |
| Type of locking                        | Without                        |
| Soldering method                       | Wave Soldering                 |
| Length (mm)                            | $7.62 \times (P-1) / 2 + 8.94$ |
| Width (mm)                             | 19                             |
| Height (mm)                            | 21                             |
| Pin dimensions (Thickness x Width)(mm) | 0.8x1.5                        |
| PCB hole diameter (mm)                 | 2.2                            |
| Number of positions                    | 03P~23P                        |
| Level                                  | Bi-level                       |
| Connection points                      | 3~23                           |

## 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)                                                      | 320   |
| Rated current (A)                                                      | 24    |
| Rated voltage (II/2)(V)                                                | 320   |
| Rated voltage (III/2) (V)                                              | 320   |
| Rated voltage (III/3)(V)                                               | 200   |
| Rated impulse voltage (II/2)(KV)                                       | 4     |
| Rated impulse voltage (III/2)(KV)                                      | 4     |
| Rated impulse voltage (III/3)(KV)                                      | 4     |
| Conductor cross section solid. min (mm <sup>2</sup> )                  | 0.34  |
| Conductor cross section solid.max (mm <sup>2</sup> )                   | 2.5   |
| Conductor cross section stranded. min (mm <sup>2</sup> )               | 0.34  |
| Conductor cross section stranded. max (mm <sup>2</sup> )               | 2.5   |
| 2 conductors with same cross section, solid, min (mm <sup>2</sup> )    | 0.34  |
| 2 conductors with same cross section, solid, max (mm <sup>2</sup> )    | 2.5   |
| 2 conductors with same cross section, stranded, min (mm <sup>2</sup> ) | 0.34  |
| 2 conductors with same cross section, stranded, max (mm <sup>2</sup> ) | 2.5   |
| Screw thread                                                           | M3    |
| Slotted screwdriver size (Blade thickness x Width)(mm)                 | 0.8x4 |
| Philips screwdriver size                                               | PH2   |
| Recommend tightening torque. min (N.m)                                 | 0.5   |
| Recommend tightening torque. max (N.m)                                 | 0.6   |
| Stripping Length (mm)                                                  | 8~9   |

## Connection data-UL

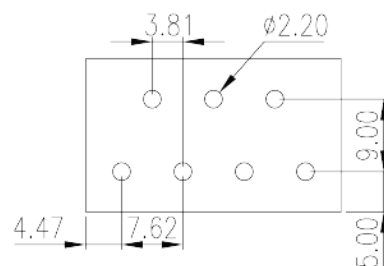
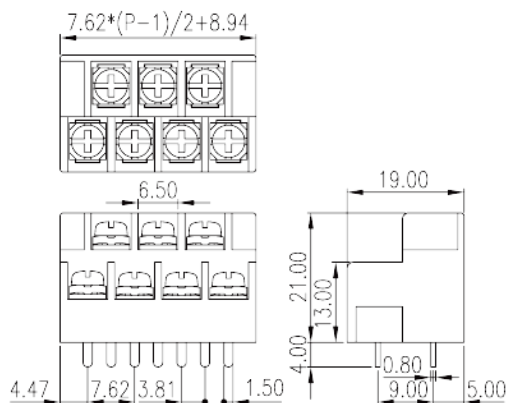
|  |  |
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|                                                  |     |
|--------------------------------------------------|-----|
| Rated voltage (UL/CUL Group B)(V)                | 300 |
| Rated voltage (UL/CUL Group D)(V)                | 300 |
| Rated current (UL/CUL Group D)(A)                | 10  |
| Min. solid wire connection (AWG) acc. to UL/CUL  | 22  |
| Max. solid wire connection AWG acc. to UL/CUL    | 12  |
| Min. stranded wire connection AWG acc. to UL/CUL | 22  |
| Max. stranded wire connection AWG acc. to UL/CUL | 12  |

## Environment & Safety

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

## Drawings



## Approvals

