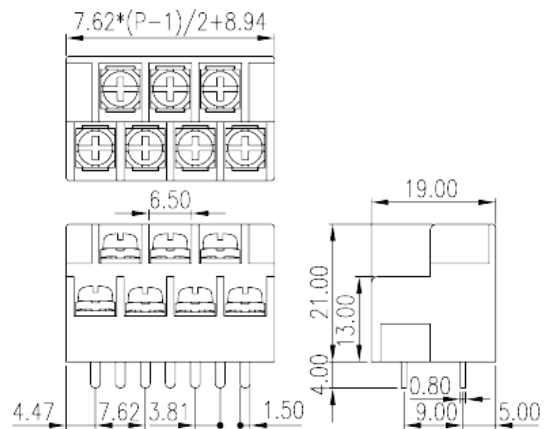
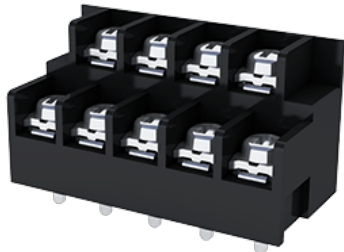


0032-23XX

Barrier Terminal Blocks > Bi-level

Date:2026-01-28



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 ²) | 0.34 |
| Conductor cross section solid.max (mm ²) | 2.5 |
| Conductor cross section stranded. min (mm ²) | 0.34 |
| Conductor cross section stranded. max (mm ²) | 2.5 |
| 2 conductors with same cross section, solid, min (mm ²) | 0.34 |
| 2 conductors with same cross section, solid, max (mm ²) | 2.5 |
| 2 conductors with same cross section, stranded, min (mm ²) | 0.34 |
| 2 conductors with same cross section, stranded, max (mm ²) | 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

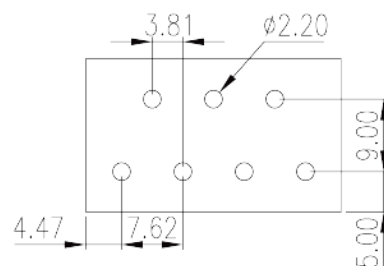
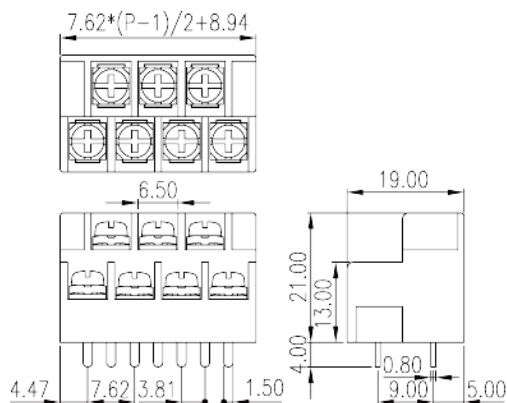
| | |
|--|--|
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| | |
|--|-----|
| Rated voltage (UL/CUL Group B)(V) | 300 |
| Rated voltage (UL/CUL Group D)(V) | 300 |
| Rated current (UL/CUL Group D)(A) | 10 |
| Min. solid wire connection (AWG) acc. to UL/CUL | 22 |
| Max. solid wire connection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

