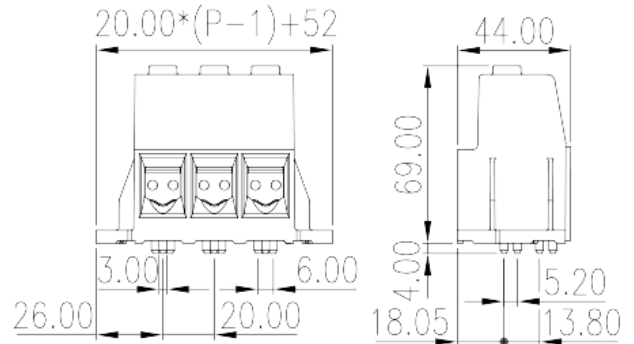


# ESK200VM-XXP

PCB Terminal Blocks &gt; PCB Terminal Blocks

Date:2026-03-25



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 : 20.00mm, 600V, 200A

## General information

|                                        |                                       |
|----------------------------------------|---------------------------------------|
| Short description                      | PCB Terminal Blocks, Screw Connection |
| Category                               | PCB Terminal Blocks                   |
| Pitch (mm)                             | 20.00                                 |
| Color                                  | Green (default)                       |
| Connection method                      | Screw Connection                      |
| Type of locking                        | With mounting flange                  |
| Soldering method                       | Wave Soldering                        |
| Length (mm)                            | $20.00 \times (P-1) + 52.0$           |
| Width (mm)                             | 44                                    |
| Height (mm)                            | 69                                    |
| Pin dimensions (Thickness x Width)(mm) | 3x3                                   |
| PCB hole diameter (mm)                 | 4.8                                   |
| Number of positions                    | 01P~06P                               |
| Level                                  | Single level                          |
| Connection points                      | 1                                     |

## Material information

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

## Connection data-IEC

|                                                                                                         |      |
|---------------------------------------------------------------------------------------------------------|------|
| Rated voltage (V)                                                                                       | 1000 |
| Rated current (A)                                                                                       | 232  |
| Rated voltage (II/2)(V)                                                                                 | 1000 |
| Rated voltage (III/2) (V)                                                                               | 1000 |
| Rated voltage (III/3)(V)                                                                                | 1000 |
| 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> )                                                   | 16   |
| Conductor cross section solid.max (mm <sup>2</sup> )                                                    | 95   |
| Conductor cross section stranded. min (mm <sup>2</sup> )                                                | 25   |
| Conductor cross section stranded. max (mm <sup>2</sup> )                                                | 95   |
| Conductor cross section flexible, with min ferrule without plastic sleeve (mm <sup>2</sup> )            | 16   |
| Conductor cross section flexible, with max ferrule without plastic sleeve (mm <sup>2</sup> )            | 95   |
| Conductor cross section flexible, with min ferrule with plastic sleeve (mm <sup>2</sup> )               | 16   |
| Conductor cross section flexible, with max ferrule with plastic sleeve (mm <sup>2</sup> )               | 95   |
| 2 conductors with same cross section, solid, min (mm <sup>2</sup> )                                     | 16   |
| 2 conductors with same cross section, solid, max (mm <sup>2</sup> )                                     | 25   |
| 2 conductors with same cross section, stranded, min (mm <sup>2</sup> )                                  | 16   |
| 2 conductors with same cross section, stranded, max (mm <sup>2</sup> )                                  | 25   |
| 2 conductors with same cross section flexible, min twin ferrules with plastic sleeve (mm <sup>2</sup> ) | 16   |
| 2 conductors with same cross section flexible, max twin ferrules with plastic sleeve (mm <sup>2</sup> ) | 25   |

|                                        |       |
|----------------------------------------|-------|
| Screw thread                           | M8    |
| Philips screwdriver size               | T40   |
| Recommend tightening torque. min (N.m) | 10    |
| Recommend tightening torque. max (N.m) | 12    |
| Stripping Length (mm)                  | 25~26 |

## Connection data-UL

|                                                  |     |
|--------------------------------------------------|-----|
| Rated voltage (UL/CUL Group B)(V)                | 600 |
| Rated current (UL/CUL Group B)(A)                | 200 |
| Rated voltage (UL/CUL Group C)(V)                | 600 |
| Rated current (UL/CUL Group C)(A)                | 200 |
| 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  | 6   |
| Max. solid wire connection AWG acc. to UL/CUL    | 3/0 |
| Min. stranded wire connection AWG acc. to UL/CUL | 6   |
| Max. stranded wire connection AWG acc. to UL/CUL | 3/0 |

## Environment & Safety

|                                 |     |
|---------------------------------|-----|
| Finger protection (YES or NO)   | YES |
| Operating temperature. max (°C) | 120 |
| Operating temperature. min (°C) | -40 |

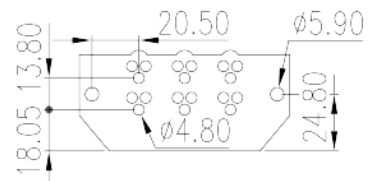
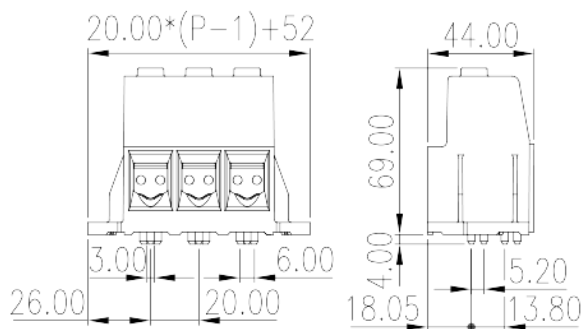
## UL Recognized

|                            |       |
|----------------------------|-------|
| Wire Range (Group B)(AWG)  | 6~3/0 |
| Rated voltage (Group B)(V) | 600   |
| Rated current (Group B)(A) | 200   |
| Wire Range (Group C)(AWG)  | 6~3/0 |
| Rated voltage (Group C)(V) | 600   |
| Rated current (Group C)(A) | 200   |
| Wire Range (Group D)(AWG)  | 6~3/0 |
| Rated voltage (Group D)(V) | 600   |
| Rated current (Group D)(A) | 5     |

## CUL Recognized

|                            |       |
|----------------------------|-------|
| Wire Range (Group B)(AWG)  | 6~3/0 |
| Rated voltage (Group B)(V) | 600   |
| Rated current (Group B)(A) | 200   |
| Wire Range (Group C)(AWG)  | 6~3/0 |
| Rated voltage (Group C)(V) | 600   |
| Rated current (Group C)(A) | 200   |
| Wire Range (Group D)(AWG)  | 6~3/0 |
| Rated voltage (Group D)(V) | 600   |
| Rated current (Group D)(A) | 5     |

## Drawings



## Approvals

