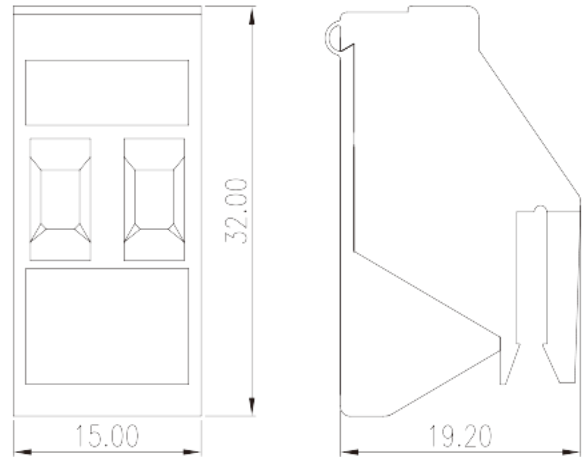


# TKE05

PCB Terminal Blocks &gt; Transformer Terminal Blocks

Date:2026-03-20Version:1.2



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 : 7.50 mm, M3, 600V, 25sol/30str

## General information

|                   |                                               |
|-------------------|-----------------------------------------------|
| Short description | Transformer terminal blocks, Screw connection |
| Pitch (mm)        | 7.5                                           |
| Color             | Green (default)                               |
| Connection method | Screw connection                              |
| Type of locking   | Rail mounting                                 |

## Material information

|                                              |              |
|----------------------------------------------|--------------|
| Insulation material                          | PA           |
| Insulation material group                    | I            |
| Flame retardant rating , compliant with UL94 | V0           |
| Conductor material                           | COPPER ALLOY |
| Plating of conductor surface                 | Tin PLATED   |

## Connection data-IEC

|                   |     |
|-------------------|-----|
| Rated voltage (V) | 800 |
| Rated current (A) | 32  |

|                                                        |       |
|--------------------------------------------------------|-------|
| Rated voltage (III/3)(V)                               | 800   |
| Rated impulse voltage (II/2)(KV)                       | 8     |
| Rated impulse voltage (III/2)(KV)                      | 8     |
| Screw thread                                           | M3    |
| Slotted screwdriver size (Blade thickness x Width)(mm) | 0.8x4 |
| Rated torque (N.m)                                     | 0.5   |
| Stripping Length (mm)                                  | 10~11 |

## Connection data-UL

|                                                  |                 |
|--------------------------------------------------|-----------------|
| Rated voltage (UL/CUL Group B)(V)                | 600             |
| Rated current (UL/CUL Group B)(A)                | 25(Sol)/30(Str) |
| Rated voltage (UL/CUL Group C)(V)                | 600             |
| Rated current (UL/CUL Group C)(A)                | 25(Sol)/30(Str) |
| 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  | 30              |
| Max. solid wire connection AWG acc. to UL/CUL    | 10              |
| Min. stranded wire connection AWG acc. to UL/CUL | 30              |
| Max. stranded wire connection AWG acc. to UL/CUL | 10              |

## Environment & Safety

|                                         |     |
|-----------------------------------------|-----|
| Back of the hand protection (YES or NO) | YES |
| Finger protection (YES or NO)           | YES |
| Operating temperature. max (°C)         | 115 |
| Operating temperature. min (°C)         | -40 |

## UL Recognized

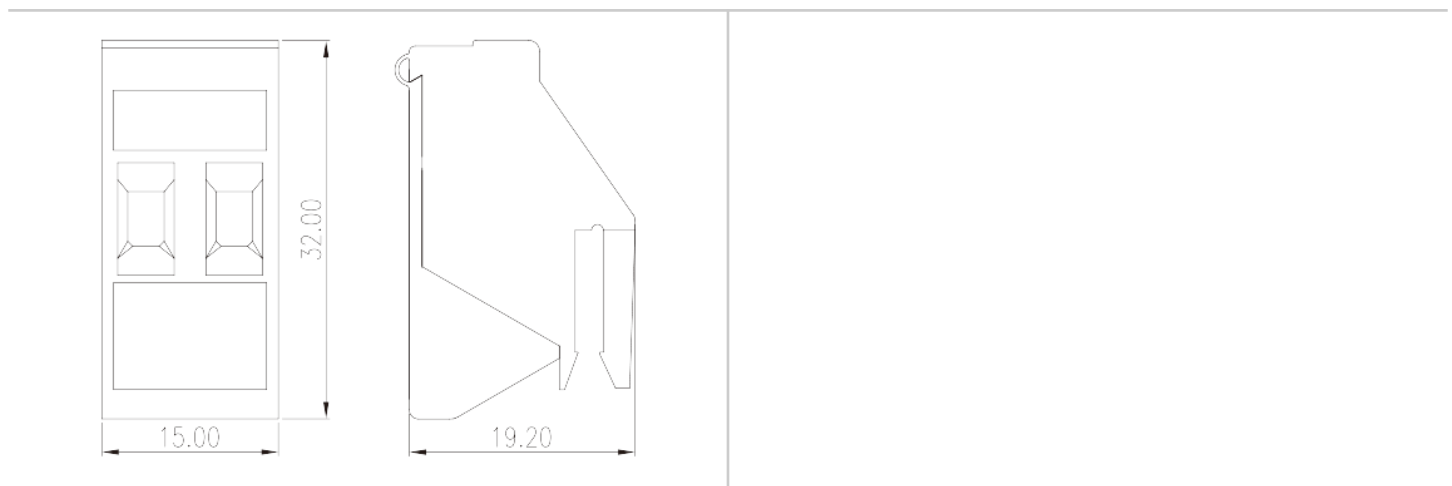
|                            |                 |
|----------------------------|-----------------|
| Wire Range (Group B)(AWG)  | 10~30           |
| Rated voltage (Group B)(V) | 600             |
| Rated current (Group B)(A) | 25(Sol)/30(Str) |
| Wire Range (Group C)(AWG)  | 10~30           |
| Rated voltage (Group C)(V) | 600             |
| Rated current (Group C)(A) | 25(Sol)/30(Str) |
| Wire Range (Group D)(AWG)  | 10~30           |
| Rated voltage (Group D)(V) | 600             |

|                            |   |
|----------------------------|---|
| Rated current (Group D)(A) | 5 |
|----------------------------|---|

## CUL Recognized

|                            |                 |
|----------------------------|-----------------|
| Wire Range (Group B)(AWG)  | 10~30           |
| Rated voltage (Group B)(V) | 600             |
| Rated current (Group B)(A) | 25(Sol)/30(Str) |
| Wire Range (Group C)(AWG)  | 10~30           |
| Rated voltage (Group C)(V) | 600             |
| Rated current (Group C)(A) | 25(Sol)/30(Str) |
| Wire Ranget (Group D)(AWG) | 10~30           |
| Rated voltage (Group D)(V) | 600             |
| Rated current (Group D)(A) | 5               |

## Drawings



## Approvals

