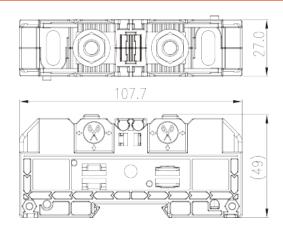


# DKM50

DIN Rail Terminal Blocks > Stud Connection

Date:2025-10-19





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**

M8, 1500V, 200A, Beige (default)

#### General information

| Short description | Feed-through Single Level, Stud Connection |
|-------------------|--|
| Category          | Feed-through Single Level                  |
| Pitch (mm)        | 27   |
| Color             | Refer to drawing                           |
| Connection method | Stud Connection                            |
| Length (mm)       | 107.7                                      |
| Width (mm)        | 27   |
| Height (mm)       | 49   |
| Level             | Single level                               |
| Connection points | 2  |

#### Material information

| Insulation material                          | PA                |
|--|-------------------|
| Insulation material group                    | I                 |
| Flame retardant rating , compliant with UL94 | VO                |
| Insulation resistance                        | □500MΩ at DC 500V |

#### Connection data-IEC

| Rated voltage (V)                           | 1500  |
|---|---|
| Rated current (A)                           | 150   |
| Rated voltage (III/3)(V)                    | 1500  |
| Rated impulse voltage (III/3)(KV)           | 8   |
| Conductor cross section solid. min (mm²)    | 2.5   |
| Conductor cross section solid.max (mm²)     | 50  |
| Conductor cross section stranded. min (mm²) | 2.5   |
| Conductor cross section stranded. max (mm²) | 50  |
| Screw thread                                | M8  |
| Philips screwdriver size                    | 13X6.3  |
| Rated torque (N.m)                          | 6~12  |
| Recommend tightening torque. min (N.m)      | 6   |
| Recommend tightening torque. max (N.m)      | 12  |
| Stripping Length (mm)                       | The stripping length depends on the specification provided by the cablelug manufacturer |
| Mounting rail                               | TS-35   |
| End cover plate required                    | NO  |
| Grounding connections                       | NO  |

#### Connection data-UL

| Rated voltage (UL/CUL Group E)(V)                | 1500                                   |
|--|--|
| Rated current (UL/CUL Group E)(A)                | *Single Cable 150A / Double Cable 200A |
| Min. solid wire connection (AWG) acc. to UL/CUL  | 14                                     |
| Max. solid wire connection AWG acc. to UL/CUL    | 1/0                                    |
| Min. stranded wire connection AWG acc. to UL/CUL | 14                                     |
| Max. stranded wire connection AWG acc. to UL/CUL | 1/0                                    |

### Environment & Safety

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

### **UL** Recognized

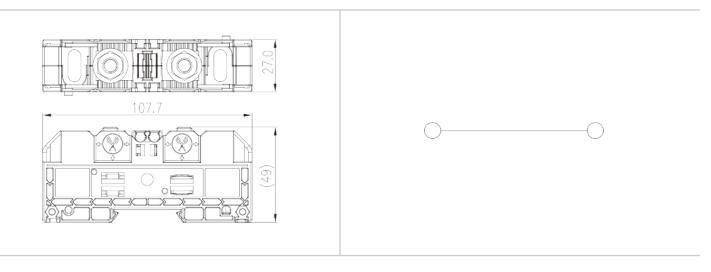


| Wire Range (Group E)(AWG)  | 14~1/0                                 |
|----------------------------|--|
| Rated voltage (Group E)(V) | 1500                                   |
| Rated current (Group E)(A) | *Single Cable 150A / Double Cable 200A |

# **CUL** Recognized

| Wire Range (Group E)(AWG)  | 14~1/0                                 |
|----------------------------|--|
| Rated voltage (Group E)(V) | 1500                                   |
| Rated current (Group E)(A) | *Single Cable 150A / Double Cable 200A |

# Drawings



# Approvals



