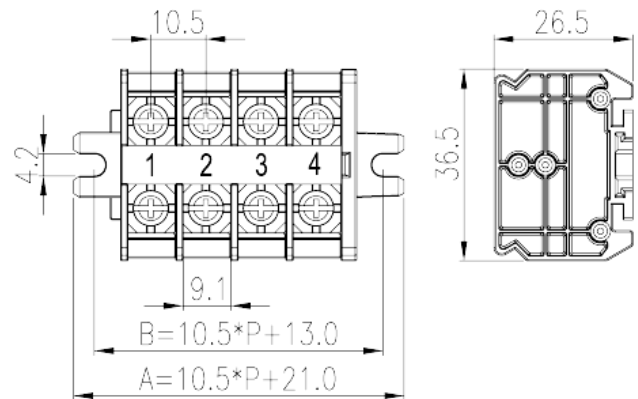


DKB30N-XXPK

NEMA Terminal Blocks > Panel Mounting

Date:2025-08-02



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 : 10.50mm, M4, 600V, 30A

General information

| | |
|---------------------|----------------------------------|
| Short description | Panel Mounting, Screw Connection |
| Category | Panel Mounting |
| Pitch (mm) | 10.5 |
| Color | Refer to drawing |
| Connection method | Screw Connection |
| Length (mm) | $10.50 \times P + 21$ |
| Width (mm) | 36.5 |
| Height (mm) | 26.5 |
| Number of positions | 01P~16P |
| Level | Single level |
| Connection points | 2~32 |

Material information

| | |
|--|----|
| Insulation material | PC |
| Insulation material group | Ⅲa |
| Flame retardant rating , compliant with UL94 | V2 |

| | |
|------------------------------|--------------------|
| Insulation resistance | □1000MΩ at DC 500V |
| Conductor material | COPPER ALLOY |
| Plating of conductor surface | Tin PLATED |

Connection data-IEC

| | |
|--|--|
| Rated voltage (V) | 630 |
| Rated current (A) | 32 |
| Rated voltage (III/3)(V) | 630 |
| Rated impulse voltage (III/3)(KV) | 8 |
| Conductor cross section solid. min (mm ²) | 0.34 |
| Conductor cross section solid.max (mm ²) | 4 |
| Conductor cross section stranded. min (mm ²) | 0.34 |
| Conductor cross section stranded. max (mm ²) | 4 |
| 2 conductors with same cross section, solid, max (mm ²) | 4 |
| 2 conductors with same cross section, stranded, max (mm ²) | 4 |
| Screw thread | M4 |
| Philips screwdriver size | PH2 |
| Rated torque (N.m) | 1.2~1.5 |
| Recommend tightening torque. min (N.m) | 1.2 |
| Recommend tightening torque. max (N.m) | 1.5 |
| Tightening torque with flange. max (N.m) | 0.8 |
| Stripping Length (mm) | 12~13The stripping length depends on the specification provided by the cablelug manufacturer |
| Mounting rail | TS-35N 、TS-35/15N |
| End cover plate required | YES |
| Grounding connections | NO |

Connection data-UL

| | |
|---|-----|
| Rated voltage (UL/CUL Group B)(V) | 600 |
| Rated current (UL/CUL Group B)(A) | 30 |
| Rated voltage (UL/CUL Group C)(V) | 600 |
| Rated current (UL/CUL Group C)(A) | 30 |
| Rated voltage (UL/CUL Group D)(V) | 600 |
| Rated current (UL/CUL Group D)(A) | 30 |
| Min. solid wire connection (AWG) acc. to UL/CUL | 22 |

| | |
|--|----|
| Max. solid wire connection AWG acc. to UL/CUL | 10 |
| Min. stranded wire connection AWG acc. to UL/CUL | 22 |
| 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) | NO |
| Operating temperature. max (°C) | 125 |
| Operating temperature. min (°C) | -40 |

UL Recognized

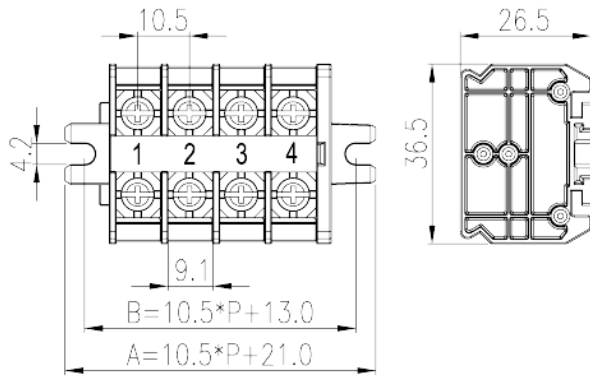
| | |
|----------------------------|-------|
| Wire Range (Group B)(AWG) | 22~10 |
| Rated voltage (Group B)(V) | 600 |
| Rated current (Group B)(A) | 30 |
| Wire Range (Group C)(AWG) | 22~10 |
| Rated voltage (Group C)(V) | 600 |
| Rated current (Group C)(A) | 30 |
| Wire Range (Group D)(AWG) | 22~10 |
| Rated voltage (Group D)(V) | 600 |
| Rated current (Group D)(A) | 30 |

CUL Recognized

| | |
|----------------------------|-------|
| Wire Range (Group B)(AWG) | 22~10 |
| Rated voltage (Group B)(V) | 600 |
| Rated current (Group B)(A) | 30 |
| Wire Range (Group C)(AWG) | 22~10 |
| Rated voltage (Group C)(V) | 600 |
| Rated current (Group C)(A) | 30 |
| Wire Range (Group D)(AWG) | 22~10 |
| Rated voltage (Group D)(V) | 600 |
| Rated current (Group D)(A) | 30 |

Drawings

| | |
|--|--|
| | |
|--|--|



Approvals

