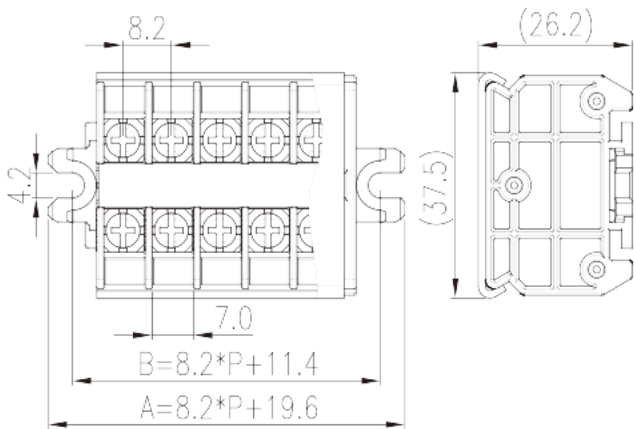


# DKB20N-XXPCK

NEMA Terminal Blocks > Panel Mounting

Date:2024-04-20



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 : 8.20mm, M3.5, 600V, 20A

## General information

Short description	Panel Mounting, Screw Connection
Category	Panel Mounting
Pitch (mm)	8.2
Color	Refer to drawing
Connection method	Screw Connection
Length (mm)	$8.20 \times P + 19.6$
Width (mm)	36.5
Height (mm)	Refer to drawing
Number of poles	01P~20P
Number of positions	01P~20P
Level	1
Connection points	2~40

## 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)	24
Rated voltage (III/3)(V)	630
Rated impulse voltage (III/3)(KV)	8
Conductor cross section solid. min (mm²)	0.2
Conductor cross section solid.max (mm²)	2.5
Conductor cross section stranded. min (mm²)	0.2
Conductor cross section stranded. max (mm²)	2.5
2 conductors with same cross section, solid, max (mm²)	2.5
2 conductors with same cross section, stranded, max (mm²)	2.5
Screw thread	M3.5
Philips screwdriver size	PH2
Rated torque (N.m)	0.8~1
Recommend tightening torque. min (N.m)	0.8
Recommend tightening torque. max (N.m)	1
Tightening torque with flange. max (N.m)	0.8
Stripping Length (mm)	9~10The 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)	20
Rated voltage (UL/CUL Group C)(V)	600
Rated current (UL/CUL Group C)(A)	20
Rated voltage (UL/CUL Group D)(V)	600
Rated current (UL/CUL Group D)(A)	20

Min. solid wire connection (AWG) acc. to UL/CUL	26
Max. solid wire connection AWG acc. to UL/CUL	12
Min. stranded wire connection AWG acc. to UL/CUL	26
Max. stranded wire connection AWG acc. to UL/CUL	12

## 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

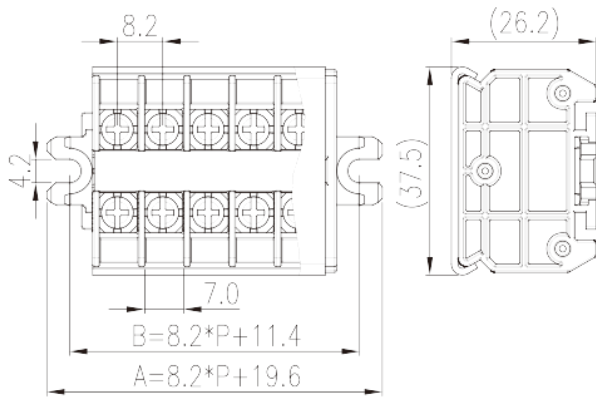
## UL Recognized

Wire Range (Group B)(AWG)	26-12
Rated voltage (Group B)(V)	600
Rated current (Group B)(A)	20
Wire Range (Group C)(AWG)	26-12
Rated voltage (Group C)(V)	600
Rated current (Group C)(A)	20
Wire Range (Group D)(AWG)	26-12
Rated voltage (Group D)(V)	600
Rated current (Group D)(A)	20

## CUL Recognized

Wire Range (Group B)(AWG)	26-12
Rated voltage (Group B)(V)	600
Rated current (Group B)(A)	20
Wire Range (Group C)(AWG)	26-12
Rated voltage (Group C)(V)	600
Rated current (Group C)(A)	20
Wire Range (Group D)(AWG)	26-12
Rated voltage (Group D)(V)	600
Rated current (Group D)(A)	20

## Drawings



## Approvals

