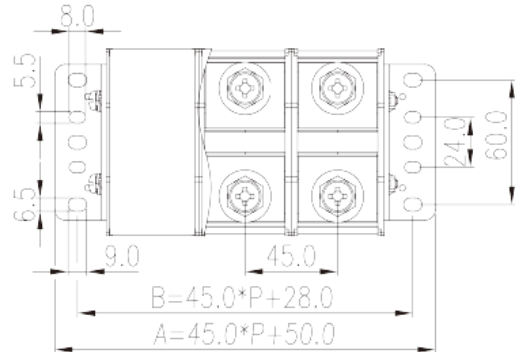


DKB300-XXPCK

NEMA Terminal Blocks > Panel Mounting

Date:2022-10-03



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 : 45.00mm, M10, 600V, 380A

General information

Short description	Barrier terminals blocks, Panel Mounting
Category	Panel Mounting
Pitch (mm)	45.00
Color	Black (default)
Connection method	Screw connection
Type of locking	Panel Mounting
Length (mm)	45*P+50
Width (mm)	90.00
Height (mm)	57.0
Number of positions	1
Level	Single level

Material information

Insulation material	PC
Insulation material group	IIIa
Flame retardant rating , compliant with UL94	V2

Conductor material	Copper Alloy
Plating of conductor surface	Ni plated

Connection data-IEC

Rated voltage (V)	1000
Rated current (A)	415
Rated voltage (III/3)(V)	800
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 ²)	70 or 10(2)
Conductor cross section solid.max (mm ²)	240 or 70(2)
Conductor cross section stranded. min (mm ²)	70 or 10(2)
Conductor cross section stranded. max (mm ²)	240 or 70(2)
2 conductors with same cross section, solid, max (mm ²)	240
2 conductors with same cross section, stranded, max (mm ²)	240
Screw thread	M10
Slotted screwdriver size (Blade thickness x Width)(mm)	1.0X5.5
Rated torque (N.m)	10
Recommend tightening torque. min (N.m)	4
Recommend tightening torque. max (N.m)	10
Stripping Length (mm)	32~33

Connection data-UL

Rated voltage (UL/CUL Group B)(V)	600
Rated current (UL/CUL Group B)(A)	380
Rated voltage (UL/CUL Group C)(V)	600
Rated current (UL/CUL Group C)(A)	380
Min. solid wire connection (AWG) acc. to UL/CUL	3/0 or 6(2)
Max. solid wire connection AWG acc. to UL/CUL	500 kcmil or 3/0(2)
Min. stranded wire connection AWG acc. to UL/CUL	3/0 or 6(2)
Max. stranded wire connection AWG acc. to UL/CUL	500 kcmil or 3/0(2)

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

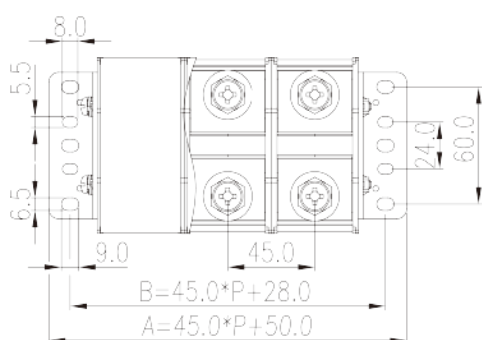
UL Recognized

Wire Range (Group B)(AWG)	3/0 ~ 500 kcmil ; (2) 6 ~ 3/0
Rated voltage (Group B)(V)	600
Rated current (Group B)(A)	380
Wire Range (Group C)(AWG)	3/0 ~ 500 kcmil ; (2) 6 ~ 3/0
Rated voltage (Group C)(V)	600
Rated current (Group C)(A)	380

CUL Recognized

Wire Range (Group B)(AWG)	3/0 ~ 500 kcmil ; (2) 6 ~ 3/0
Rated voltage (Group B)(V)	600
Rated current (Group B)(A)	380
Wire Range (Group C)(AWG)	3/0 ~ 500 kcmil ; (2) 6 ~ 3/0
Rated voltage (Group C)(V)	600
Rated current (Group C)(A)	380

Drawings



Approvals

