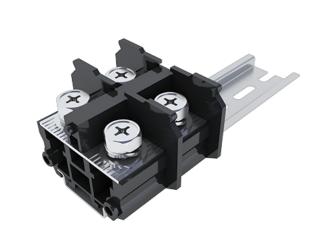
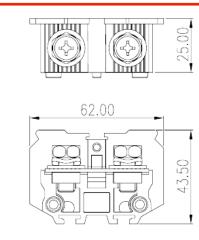


# DKB100N

NEMA Terminal Blocks > Rail Mounting

Date:2025-12-02





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**

M8, 600V, 115/200A

### General information

Short description	Barrier terminal blocks, Screw connection
Category	Rail mounting terminal blocks
Color	Black (default)
Connection method	Screw connection
Type of locking	Rail mounting
Length (mm)	62
Width (mm)	25
Height (mm)	43.5
Level	Single level

### Material information

Insulation material	PC
Insulation material group	IIIa
Flame retardant rating , compliant with UL94	V2
Insulation resistance	$\Box$ 1000Μ $\Omega$ at DC 500V
Conductor material	Copper Alloy



Plating of conductor surface	Ni plated	
Connection data-IEC		
Rated voltage (V)	800	
Rated current (A)	150	
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 (mm²)	10	
Conductor cross section solid.max (mm²)	50	
Conductor cross section stranded. min (mm²)	10	
Conductor cross section stranded. max (mm²)	50	
2 conductors with same cross section, solid, max (mm²)	50	
2 conductors with same cross section, stranded, max (mm²)	50	
Screw thread	M8	
Philips screwdriver size	PH3	
Rated torque (N.m)	4.2	
Recommend tightening torque. min (N.m)	3.5	
Recommend tightening torque. max (N.m)	4.2	
Stripping Length (mm)	20~21	
Mounting rail	TS-35	
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)	200	
Rated voltage (UL/CUL Group C)(V)	600	
Rated current (UL/CUL Group C)(A)	200	
Min. solid wire connection (AWG) acc. to UL/CUL	8	
Max. solid wire connection AWG acc. to UL/CUL	3/0(With Ring terminals)	
Min. stranded wire connection AWG acc. to UL/CUL	8	
Max. stranded wire connection AWG acc. to UL/CUL	3/0(With Ring terminals)	



### **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 (With Ring terminals
Rated voltage (Group B)(V)	600
Rated current (Group B)(A)	200
Wire Range (Group C)(AWG)	3/0 (With Ring terminals
Rated voltage (Group C)(V)	600
Rated current (Group C)(A)	200

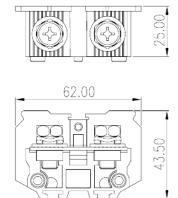
# **CUL** Recognized

Wire Range (Group B)(AWG)	3/0 (With Ring terminals
Rated voltage (Group B)(V)	600
Rated current (Group B)(A)	200
Wire Range (Group C)(AWG)	3/0 (With Ring terminals
Rated voltage (Group C)(V)	600
Rated current (Group C)(A)	200

# **VDE** Approval

Wire Range (mm²)	10~50
Rated voltage (V)	800
Rated current (A)	150

## Drawings





# Approvals









