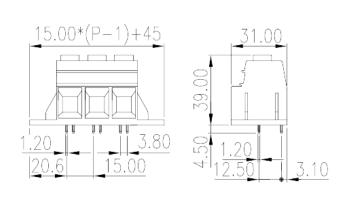


# ESK150VM-XXP

PCB Terminal Blocks > PCB Terminal Blocks

Date:2025-10-31Version:1.1





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: 15.00mm, 600V, 115A (FW2)/125A (FW1)

#### General information

Short description	PCB Terminal Blocks, Screw Connection
Category	PCB Terminal Blocks
Pitch (mm)	15.00
Color	Green (default)
Connection method	Screw Connection
Type of locking	Without
Length (mm)	15.00*(P-1)+45.00
Width (mm)	31
Height (mm)	39
Pin demensions (Thickness x Width)(mm)	1.2x1.2
PCB hole diameter (mm)	1.7
Number of positions	02P~09P
Level	Single level

#### Material information

Insulation material	PA
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Insulation material group	I
Flame retardant rating , compliant with UL94	VO
Insulation resistance	□500MΩ at DC 500V
Conductor material	COPPER ALLOY
Plating of conductor surface	Tin PLATED
Connection data-IEC	
Rated voltage (V)	1000
Rated current (A)	125
Rated voltage (II/2)(V)	1000
Rated voltage (III/2) (V)	1000
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)	0.5
Conductor cross section solid.max (mm²)	35
Conductor cross section stranded. min (mm²)	0.5
Conductor cross section stranded. max (mm²)	35
Conductor cross section flexible, with min ferrule without plastic sleeve (mm²)	0.25
Conductor cross section flexible, with max ferrule without plastic sleeve (mm²)	35
Conductor cross section flexible, with min ferrule with plastic sleeve (mm²)	0.25
Conductor cross section flexible, with max ferrule with plastic sleeve (mm²)	35
2 conductors with same cross section, solid, min (mm²)	0.5
2 conductors with same cross section, solid, max (mm²)	6
2 conductors with same cross section, stranded, min (mm²)	0.5
2 conductors with same cross section, stranded, max (mm²)	6
Screw thread	M5
Slotted screwdriver size (Blade thickness x Width)(mm)	1.0x5.5
Philips screwdriver size	PZ2
Recommend tightening torque. min (N.m)	3.7



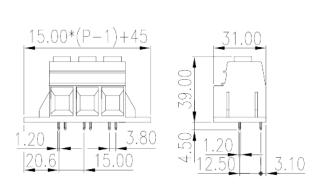
Recommend tightening torque. max (N.m)	4.5
Stripping Length (mm)	18~19
Connection data-UL	
Rated voltage (UL/CUL Group B)(V)	600
Rated current (UL/CUL Group B)(A)	115(FW2),125(FW1)
Rated voltage (UL/CUL Group C)(V)	600
Rated current (UL/CUL Group C)(A)	115(FW2),125(FW1)
Rated voltage (UL/CUL Group D)(V)	600
Rated current (UL/CUL Group D)(A)	5
Min. solid wire connection (AWG) acc. to UL/CUL	2
Max. solid wire connection AWG acc. to UL/CUL	20
Min. stranded wire connection AWG acc. to UL/CUL	2
Max. stranded wire connection AWG acc. to UL/CUL	20
Environment & Safety Finger protection (YES or NO)	YES
Operating temperature. max (°C)	120
Operating temperature. min (°C)	-40
JL Recognized	
Wire Range (Group B)(AWG)	20~2
Rated voltage (Group B)(V)	600
Rated current (Group B)(A)	115(FW2),125(FW1)
Wire Range (Group C)(AWG)	20~2
Rated voltage (Group C)(V)	600
Rated current (Group C)(A)	115(FW2),125(FW1)
Wire Range (Group D)(AWG)	20~2
Rated voltage (Group D)(V)	600
Rated current (Group D)(A)	5
CUL Recognized	
Wire Range (Group B)(AWG)	20~2
Wire Range (Group B)(AWG)  Rated voltage (Group B)(V)	20~2 600

Wire Range (Group C)(AWG)	20~2
Rated voltage (Group C)(V)	600
Rated current (Group C)(A)	115(FW2),125(FW1)
Wire Ranget (Group D)(AWG)	20~2
Rated voltage (Group D)(V)	600
Rated current (Group D)(A)	5

### **VDE** Approval

Wire Range (mm²)	0.5~35
Rated voltage (V)	1000
Rated current (A)	125

## Drawings





# Approvals







