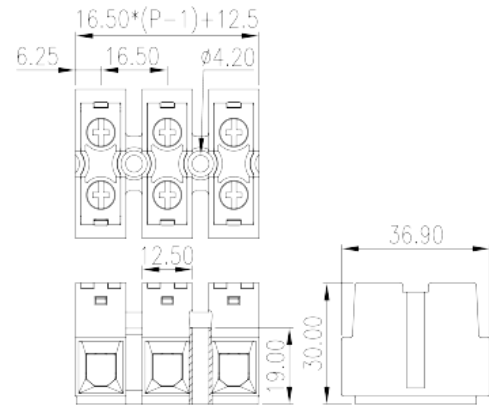


# PM16H-16P

NEMA Terminal Blocks > Panel Mounting

Date:2025-12-19



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

600V, 100A, Beige (default)

## General information

Short description	Panel Mounting
Pitch (mm)	16.5
Color	Refer to drawing
Connection method	Screw Connection
Type of locking	With mounting flange
Length (mm)	$16.5*(P-1)+12.5$
Width (mm)	36.9
Height (mm)	30
Number of positions	02P~16P
Level	Single level
Connection points	2

## Material information

Insulation material	PA
Insulation material group	I
Flame retardant rating , compliant with UL94	V0

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)	76
Rated voltage (II/2)(V)	1000
Rated voltage (III/2) (V)	1000
Rated voltage (III/3)(V)	1000
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 <sup>2</sup> )	1.5
Conductor cross section solid.max (mm <sup>2</sup> )	16
Conductor cross section stranded. min (mm <sup>2</sup> )	1.5
Conductor cross section stranded. max (mm <sup>2</sup> )	16
Conductor cross section flexible, with min ferrule without plastic sleeve (mm <sup>2</sup> )	1.5
Conductor cross section flexible, with max ferrule without plastic sleeve (mm <sup>2</sup> )	16
Conductor cross section flexible, with min ferrule with plastic sleeve (mm <sup>2</sup> )	1.5
Conductor cross section flexible, with max ferrule with plastic sleeve (mm <sup>2</sup> )	16
2 conductors with same cross section, solid, min (mm <sup>2</sup> )	1.5
2 conductors with same cross section, solid, max (mm <sup>2</sup> )	6
2 conductors with same cross section, stranded, min (mm <sup>2</sup> )	1.5
2 conductors with same cross section, stranded, max (mm <sup>2</sup> )	6
2 conductors with same cross section flexible, with min ferrule without plastic sleeve (mm <sup>2</sup> )	1.5
2 conductors with same cross section flexible, with max ferrule without plastic sleeve (mm <sup>2</sup> )	6
2 conductors with same cross section flexible, min twin ferrules with plastic sleeve (mm <sup>2</sup> )	1.5
2 conductors with same cross section flexible, max twin ferrules with plastic sleeve (mm <sup>2</sup> )	6

Screw thread	M5
Slotted screwdriver size (Blade thickness x Width)(mm)	1.0x5.5
Philips screwdriver size	PH2
Recommend tightening torque. min (N.m)	2
Recommend tightening torque. max (N.m)	2.5
Tightening torque with flange. max (N.m)	1.2
Stripping Length (mm)	14~16

## Connection data-UL

Rated voltage (UL/CUL Group B)(V)	600
Rated current (UL/CUL Group B)(A)	100
Rated voltage (UL/CUL Group C)(V)	600
Rated current (UL/CUL Group C)(A)	100
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	14
Max. solid wire connection AWG acc. to UL/CUL	3
Min. stranded wire connection AWG acc. to UL/CUL	14
Max. stranded wire connection AWG acc. to UL/CUL	3

## Environment & Safety

Back of the hand protection (YES or NO)	YES
Finger protection (YES or NO)	NO
Operating temperature. max (°C)	120
Operating temperature. min (°C)	-40

## UL Recognized

Wire Range (Group B)(AWG)	14~3
Rated voltage (Group B)(V)	600
Rated current (Group B)(A)	100
Wire Range (Group C)(AWG)	14~3
Rated voltage (Group C)(V)	600
Rated current (Group C)(A)	100

## CUL Recognized

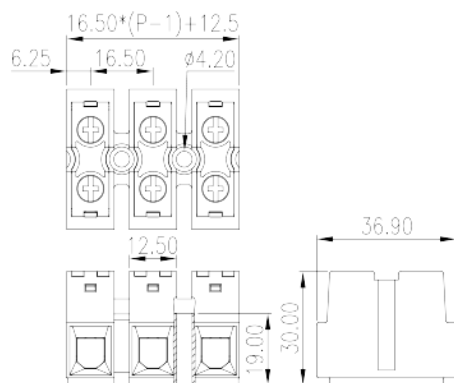
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Wire Range (Group B)(AWG)	14~3
Rated voltage (Group B)(V)	600
Rated current (Group B)(A)	100
Wire Range (Group C)(AWG)	14~3
Rated voltage (Group C)(V)	600
Rated current (Group C)(A)	100

## VDE Approval

Wire Range (mm <sup>2</sup> )	1.5~16
Rated voltage (V)	1000
Rated current (A)	76

## Drawings



## Approvals

