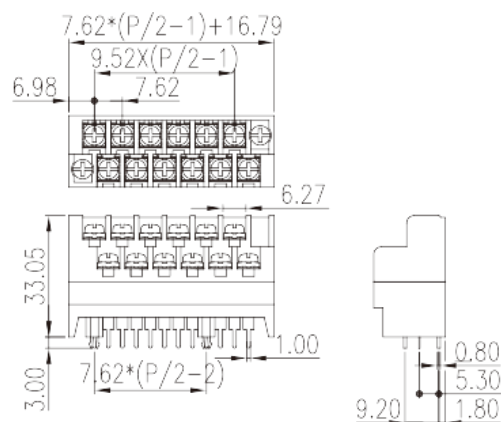
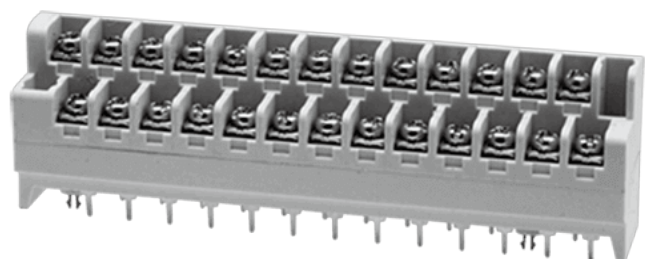


# 2DSDCN-01-XX

Barrier Terminal Blocks > Bi-level

Date:2025-08-03Version:1.2



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 : 7.62mm, M3, 300V, 14A

## General information

Short description	Barrier Terminals, Screw Connection
Category	Bi-level
Pitch (mm)	7.62
Color	Grey (default)
Connection method	Screw Connection
Type of locking	Without
Pin demensions (Thickness x Width)(mm)	0.8x1.0
PCB hole diameter (mm)	1.7
Level	Bi-level

## Material information

Insulation material	PBT
Insulation material group	IIIa
Flame retardant rating , compliant with UL94	V0
Conductor material	Copper Alloy
Plating of conductor surface	Gold plated

## Connection data-IEC

Rated current (A)	15
Rated voltage (II/2)(V)	320
Rated voltage (III/2) (V)	320
Rated voltage (III/3)(V)	250
Rated impulse voltage (II/2)(KV)	4
Rated impulse voltage (III/2)(KV)	4
Rated impulse voltage (III/3)(KV)	4
Conductor cross section solid. min (mm <sup>2</sup> )	0.5
Conductor cross section solid.max (mm <sup>2</sup> )	1.5
Conductor cross section stranded. min (mm <sup>2</sup> )	0.5
Conductor cross section stranded. max (mm <sup>2</sup> )	1.5
2 conductors with same cross section, solid, max (mm <sup>2</sup> )	1
2 conductors with same cross section, stranded, max (mm <sup>2</sup> )	1
Screw thread	M3
Slotted screwdriver size (Blade thickness x Width)(mm)	0.8x4.0
Philips screwdriver size	PH2
Rated torque (N.m)	1
Recommend tightening torque. min (N.m)	0.5
Recommend tightening torque. max (N.m)	1
Stripping Length (mm)	6~7

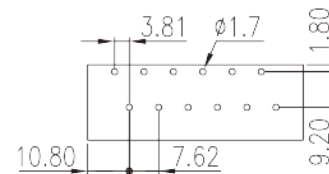
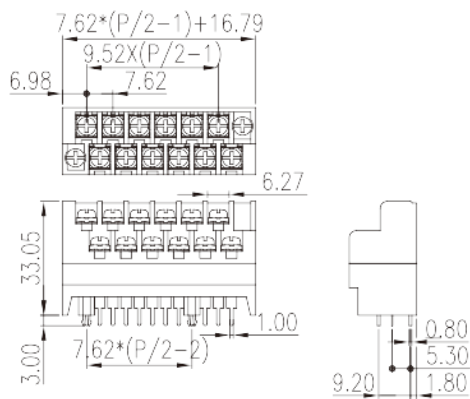
## Connection data-UL

Rated voltage (UL/CUL Group B)(V)	300
Rated current (UL/CUL Group B)(A)	12
Min. solid wire connection (AWG) acc. to UL/CUL	22
Max. solid wire connection AWG acc. to UL/CUL	14
Min. stranded wire connection AWG acc. to UL/CUL	22
Max. stranded wire connection AWG acc. to UL/CUL	14

## Environment & Safety

Back of the hand protection (YES or NO)	YES
Operating temperature. max (°C)	130
Operating temperature. min (°C)	-40

## Drawings



## Approvals

