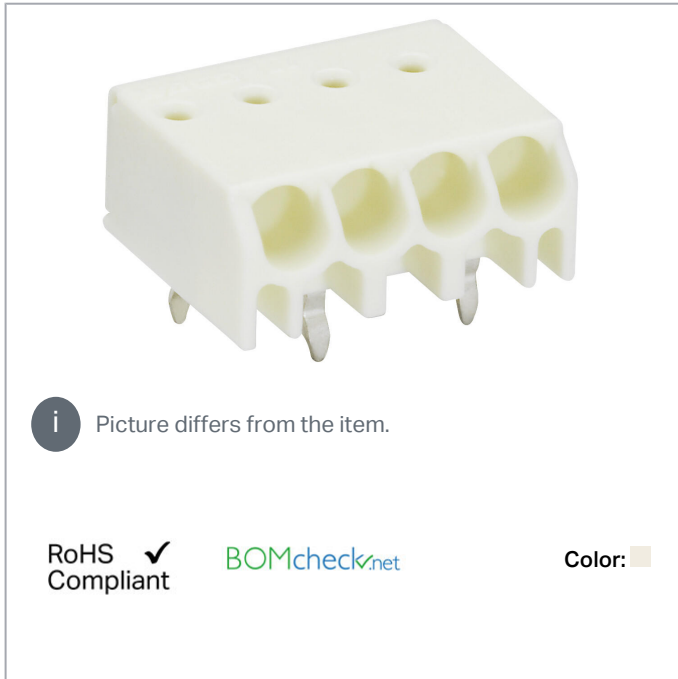


## Data sheet | Item number: 744-310/364-000

PCB terminal block; 1.5 mm<sup>2</sup>; Pin spacing 3.5 mm; 10-pole; PUSH WIRE®;  
1,50 mm<sup>2</sup>; white



[www.wago.com/744-310/364-000](http://www.wago.com/744-310/364-000)

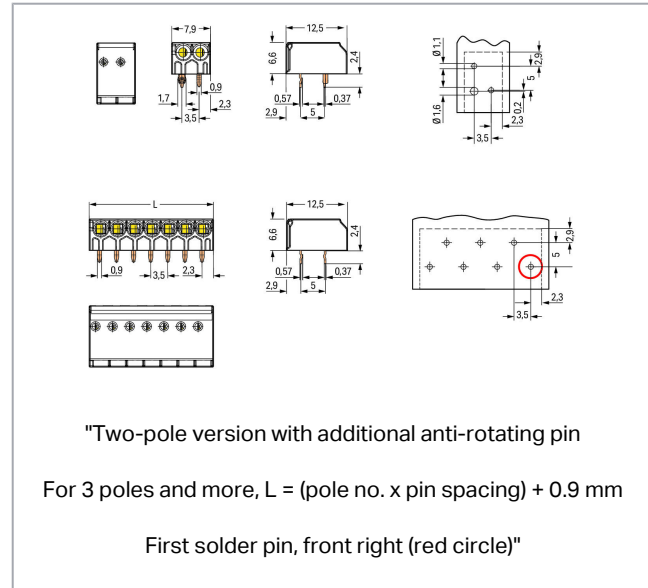


**i** Picture differs from the item.

RoHS Compliant

BOMcheck.net

Color:



### Item description

- PCB terminal blocks with PUSH WIRE® connection
- Push-in termination of solid conductors – low insertion forces
- Just 6.4 mm tall
- Conductor removal via disconnection tool or by twist & pull

### Data

#### Electrical data

#### Ratings per IEC/EN

Ratings per	IEC/EN 60664-1
Nominal voltage (III/3)	250 V
Rated surge voltage (III/3)	4 kV
Rated voltage (III/2)	320 V
Rated surge voltage (III/2)	4 kV

Subject to changes. Please also observe the further product documentation!

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Nominal voltage (II/2)	630 V
Rated surge voltage (II/2)	4 kV
Rated current	2 A
Legend (ratings)	(III / 2) $\triangleq$ Overvoltage category III / Pollution degree 2

### Ratings per UL

Approvals per	UL 1059
Rated voltage UL (Use Group B)	300 V
Rated current UL (Use Group B)	6 A
Rated voltage UL (Use Group D)	300 V
Rated current UL (Use Group D)	6 A

### Ratings per CSA

Approvals per	CSA
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### Connection data

Connection technology	PUSH WIRE <sup>®</sup>
Actuation type	Operating tool
Solid conductor	0.5 ... 1.5 mm <sup>2</sup> / 20 ... 16 AWG
Strip length	8 ... 9 mm / 0.31 ... 0.35 inch
Conductor connection direction to PCB	0°
Pole No.	10
Total number of connection points	10
Total number of potentials	10
Number of connection types	1
Number of levels	1

### Physical data

Pin spacing	3.5 mm / 0.138 inch
Width	35.9 mm / 1.413 inch
Height	9 mm / 0.354 inch
Height from the surface	6.6 mm / 0.26 inch
Depth	12.5 mm / 0.492 inch
Solder pin length	2.4 mm
Solder pin dimensions	0.35 x 0.9 mm
Drilled hole diameter with tolerance	1.1 <sup>(-0.1)</sup> mm

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## PCB contact

PCB Contact	THT
Solder pin arrangement	over the entire terminal strip (staggered)
Number of solder pins per potential	1

## Material data

Color	white
Material group	I
Insulation material	Polyamide (PA66)
Flammability class per UL94	V0
Clamping spring material	Chrome nickel spring steel (CrNi)
Contact material	Copper alloy
Contact plating	tin-plated
Weight	2.7 g

## Environmental requirements

Limit temperature range	-60 ... +105 °C
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## Commercial data

Packaging type	BOX
Country of origin	CH
GTIN	4055143812672

## Downloads

### Documentation

#### Additional Information

Technical explanations	3. 4. 2019	pdf 2.0 MB	Download
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## CAD/CAE-Data

### PCB Design

Symbol and Footprint 744-310/364-000	URL	Download
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CAX data for your PCB design, consisting of "schematic symbols and PCB footprints", allow easy integration of the WAGO component into your development environment.

Subject to changes. Please also observe the further product documentation!



#### Supported formats:

- Accel EDA 14 & 15
- Altium 6 to current version
- Cadence Allegro
- DesignSpark
- Eagle Libraries
- KiCad
- Mentor Graphics BoardStation
- Mentor Graphics Design Architect
- Mentor Graphics Design Expedition 99 and 2000
- OrCAD 9.X PCB and Capture
- PADS PowerPCB 3, 3.5, 4.X, and 5.X
- PADS PowerPCB and PowerLogic 3.0
- PCAD 2000, 2001, 2002, 2004, and 2006
- Pulsonix 8.5 or newer
- STL
- 3D STEP
- TARGET 3001!
- View Logic ViewDraw
- Quadcept
- Zuken CadStar 3 and 4
- Zuken CR-5000 and CR-8000

PCB Component Libraries (EDA), PCB CAD Library Ultra Librarian

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## Environmental Product Compliance

### Compliance Search

Environmental Product Compliance 744-310/364-000	URL	Download
PCB terminal block; 1.5 mm <sup>2</sup> ; Pin spacing 3.5 mm; 10-pole; PUSH WIRE®; 1,50 mm <sup>2</sup> ; white		

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## Installation Notes

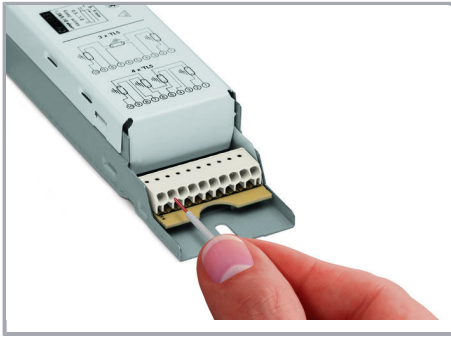
### Conductor termination

Subject to changes. Please also observe the further product documentation!

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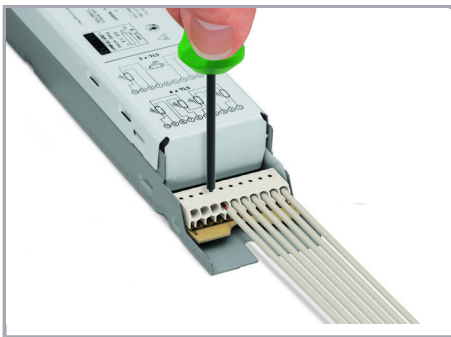
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Inserting a conductor via push-in termination.

#### Conductor removal



Removing a conductor via 1.0 mm Ø disconnection tool (206-841).

Subject to changes. Please also observe the further product documentation!