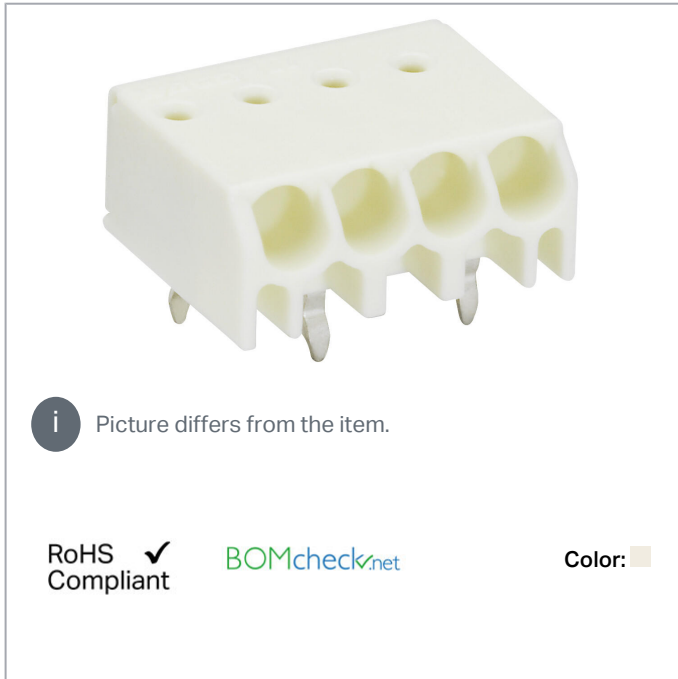# Data sheet | Item number: 744-307/364-000

PCB terminal block; 1.5 mm²; Pin spacing 3.5 mm; 7-pole; PUSH WIRE®; 1,50 mm²; white

www.wago.com/744-307/364-000
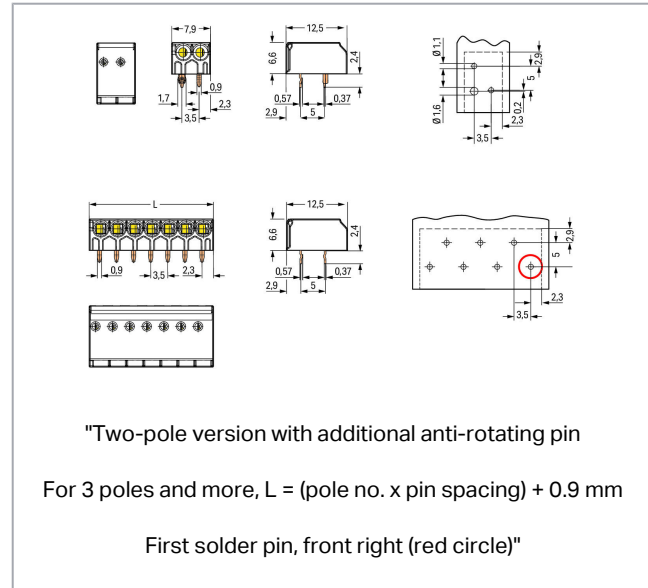
Picture differs from the item.

RoHS ✓ Compliant   BOMcheck.net   Color: ▢

"Two-pole version with additional anti-rotating pin

For 3 poles and more, L = (pole no. x pin spacing) + 0.9 mm

First solder pin, front right (red circle)"

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) ≙ 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

Connection data

Connection technology	PUSH WIRE®
Actuation type	Operating tool
Solid conductor	0.5 … 1.5 mm² / 20 … 16 AWG
Strip length	8 … 9 mm / 0.31 … 0.35 inch
Conductor connection direction to PCB	0 °
Pole No.	7
Total number of connection points	7
Total number of potentials	7
Number of connection types	1
Number of levels	1

Physical data

Pin spacing	3.5 mm / 0.138 inch
Width	25.4 mm / 1 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 $^{(-0.1)}$ 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
Fire load	0.036 MJ
Weight	1.9 g

Environmental requirements

Limit temperature range	-60 … +105 °C

Commercial data

Packaging type	BOX
Country of origin	CH
GTIN	4055143812764
Customs tariff number	85369010000

Downloads
Documentation

Additional Information

Technical explanations	3. 4. 2019	pdf 2.0 MB	Download

CAD/CAE-Data

PCB Design

Symbol and Footprint 744-307/364-000	URL	Download

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

CAx data for your PCB design, consisting of "schematic symbols and PCB footprints", allow easy integration of the WAGO component into your development environment.

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

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 744-307/364-000	URL	Download
PCB terminal block; 1.5 mm²; Pin spacing 3.5 mm; 7-pole; PUSH WIRE®; 1,50 mm²; white		

Installation Notes

Conductor termination

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

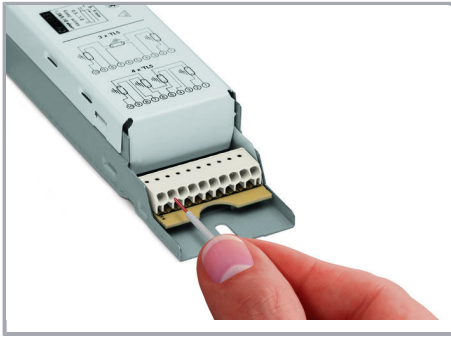WAGO Kontakttechnik GmbH & Co. KG
Hansastr. 27
32423 Minden
Phone: +49571 887-0 | Fax: +49571 887-169
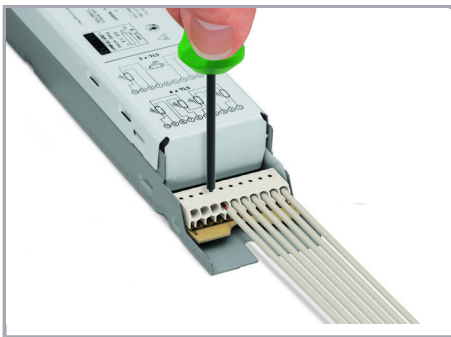Email: info.de@wago.com | Web: www.wago.com

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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!

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