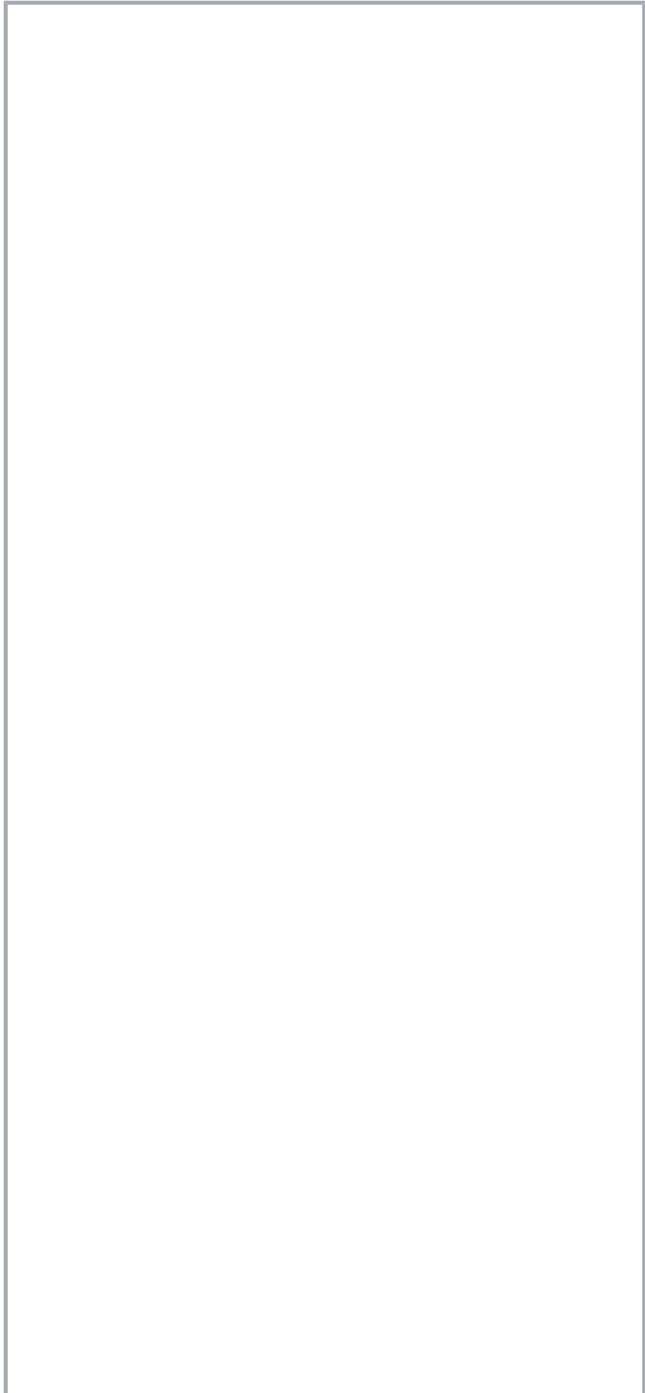


Data sheet | Item number: 251-103

PCB terminal block; 1.5 mm<sup>2</sup>; Pin spacing 3.5 mm; 3-pole; PUSH WIRE® & FIT CLAMP®; 1,50 mm<sup>2</sup>; white

[www.wago.com/251-103](http://www.wago.com/251-103)



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

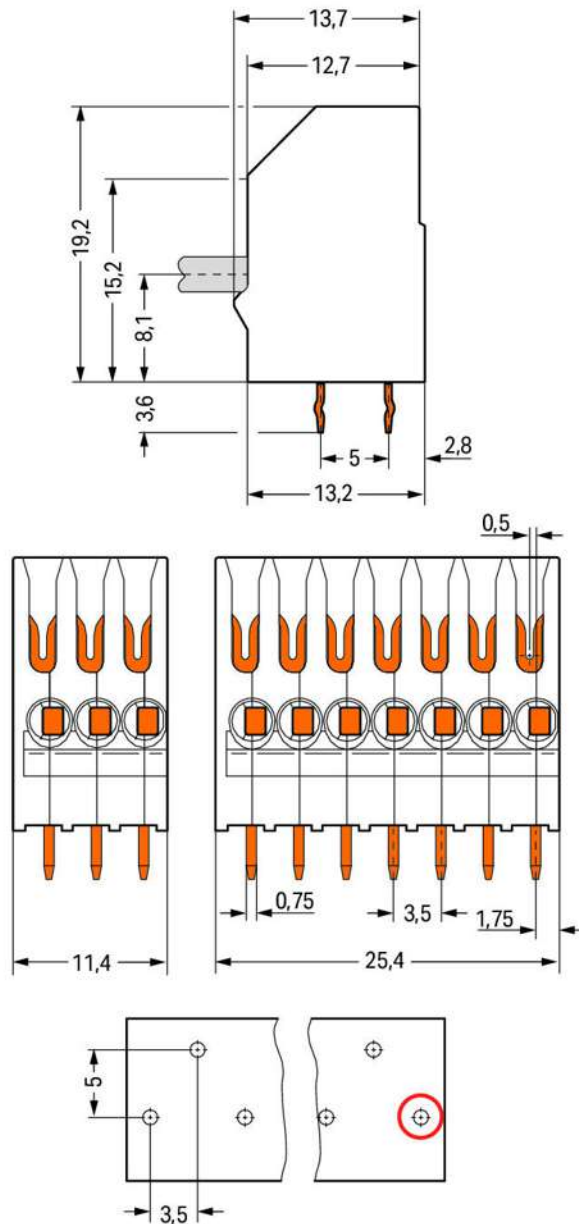
WAGO Kontakttechnik GmbH & Co. KG  
Hansastr. 27  
32423 Minden  
Phone: +49571 887-0 | Fax: +49571 887-169  
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Do you have any questions about our products?  
We are always happy to take your call at +49 (571) 887-44222.

RoHS    
 Compliant

BOMcheck.net

Color:



$$L = (\text{pole no.} \times \text{pin spacing}) + 0.9 \text{ mm}$$

Starting point is first solder pin, front right (red circle)

## Item description

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

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Do you have any questions about our products?  
 We are always happy to take your call at +49 (571) 887-44222.

- Compact Combi PCB terminal blocks ideal for automated wiring in the lighting industry
- Low conductor insertion forces
- PUSH WIRE® and IDC connections – ideal for automated wiring systems.

## Data

### Electrical data

#### Ratings per IEC/EN 60664-1




Ratings per	IEC/EN 60664-1
Rated voltage (III / 3)	250 V
Rated impulse voltage (III / 3)	4 kV
Rated voltage (III / 2)	320 V
Rated impulse voltage (III / 2)	4 kV
Rated voltage (II / 2)	630 V
Rated impulse voltage (II / 2)	4 kV
Rated current	2 A
Legend (ratings)	(III / 2) ≙ Overvoltage category III / Pollution degree 2

#### Approvals per UL 1059

Approvals per	UL 1059
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### Approvals / Certificates

#### Country specific Approvals

Logo	Approval	Additional Approval Text	Certificate name
	CCA DEKRA Certification B.V.	EN 60998	NTR-NL 6286
	CCA DEKRA Certification B.V.	EN 60998	2110204.10
	VDE VDE Prüf- und Zertifizierungsinstitut	EN 60998	40028031

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

## Counterpart

## Compatible products

### tools



Item no.: 206-831  
Operating tool

[www.wago.com/206-831](http://www.wago.com/206-831)

## Downloads

### Documentation

#### Additional Information

Technical explanations	Apr 3, 2019	pdf 3.6 MB	Download
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## CAD/CAE-Data

### CAD data

2D/3D Models 251-103	URL	Download
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### CAE data

EPLAN Data Portal 251-103	URL	Download
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### PCB Design

Symbol and Footprint 251-103	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.

### Supported formats:

- Accel EDA 14 & 15
- Altium 6 to current version
- Cadence Allegro
- DesignSpark
- Eagle Libraries
- KiCad
- Mentor Graphics BoardStation
- Mentor Graphics Design Architect

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

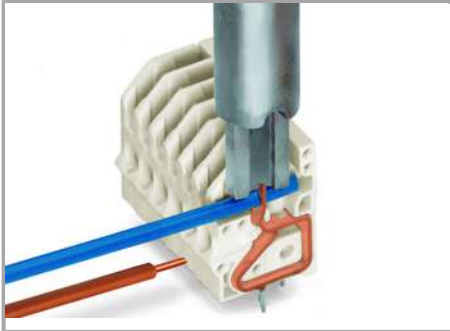
- Mentor Graphics Design Expedition 99 and 2000
- OrCAD 9.X PCB and Capture
- PADS PowerPCB 3, 3.5, 4.X, and 5.X
- PADS PowerPCB and PowerLogic 3.0
- PCAD 2000, 2001, 2002, 2004, and 2006
- Pulsonix 8.5 or newer
- STL
- 3D STEP
- TARGET 3001!
- View Logic ViewDraw
- Quadcept
- Zuken CadStar 3 and 4
- Zuken CR-5000 and CR-8000

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

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## Installation Notes

### Conductor termination



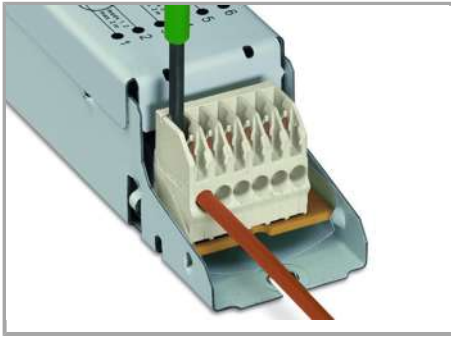
Conductor termination:

PUSH WIRE®: Simply push in conductor.

IDC: Push in conductor via 206-831  
Operating Tool.

### Conductor termination

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



Conductor removal:

PUSH WIRE®: (1) Open spring via 2.5 x 0.4 mm screwdriver and pull out conductor (2).

IDC: Pull up vertically on conductor to remove it (10x reconnection cycles possible when used properly – before re-using, cut off old contact point from conductor).

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