

Data sheet | Item number: 237-102

PCB terminal block; 2.5 mm²; Pin spacing 5 mm; 2-pole; 2,50 mm²; gray

www.wago.com/237-102



Data

Electrical data

Ratings per IEC/EN 60664-1

Ratings per	IEC/EN 60664-1
Rated voltage (III/2)	250 V
Rated surge voltage (III/2)	2.5 kV
Rated current	16 A
Legend (ratings)	(III / 2) ≙ Overvoltage category III / Pollution degree 2

Ratings per UL 1059

Approvals per	UL 1059
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Ratings per CSA

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

WAGO Corporation
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We are always happy to take your call at {0}.



Connection data

Connection technology	Screw-type connection
Actuation type	Operating tool
Solid conductor	0.5 ... 2.5 mm ² / 20 ... 14 AWG
Fine-stranded conductor	0.5 ... 2.5 mm ² / 20 ... 14 AWG
Strip length	5 ... 7 mm / 0.2 ... 0.28 inch
Conductor connection direction to PCB	0°
Pole No.	2
Total number of connection points	2
Total number of potentials	2
Number of connection types	1
Number of levels	1

Physical data

Pin spacing	5/5.08 mm / 0.197/0.2 inch
Width	5 mm / 0.197 inch
Height from the surface	11 mm / 0.433 inch
Depth	9 mm / 0.354 inch

PCB contact

PCB contact	THT
Solder pin arrangement	over the entire terminal strip (in-line)
Number of solder pins per potential	1

Material Data

Color	gray
Material group	I
Insulation material	Polyamide (PA66)
Flammability class per UL94	V0
Clamping spring material	Chrome nickel spring steel (CrNi)
Contact material	Electrolytic copper (E _{Cu})
Contact plating	tin-plated
Weight	1.9 g

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Environmental Requirements




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


Packaging type	BOX
Country of origin	IN
GTIN	4045454539771
Customs tariff number	85369010000

Approvals / Certificates

Country specific Approvals

Logo	Approval	Additional Approval Text	Certificate name
	CCA DEKRA Certification B.V.	EN 60947	NTR NL-7137
	CCA DEKRA Certification B.V.	EN 60947	2160584.33
	CSA DEKRA Certification B.V.	C22.2 No. 158	70048844

UL-Approvals

Logo	Approval	Additional Approval Text	Certificate name
	UL UL International Germany GmbH	UL 1059	20190731-E45172

Downloads

Documentation

Additional Information

Technical explanations	Apr 3, 2019	pdf	Download
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3.6 MB

CAD files

CAD data

2D/3D Models 237-102	URL	Download
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CAE data

EPLAN Data Portal 237-102	URL	Download
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ZUKEN Portal 237-102	URL	Download
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PCB Design

Symbol and Footprint 237-102	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
- 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

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- Zuken CadStar 3 and 4
- Zuken CR-5000 and CR-8000

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

Installation Notes

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