

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



Color:

Data

Electrical data

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

WAGO GmbH & Co. KG
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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.



Ratings per IEC/EN

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

Connection data

Connection points	2
Total number of potentials	2
Number of connection types	1
Number of levels	1

Connection 1

Connection technology	Screw 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 inches
Conductor connection direction to PCB	0°
Pole number	2

Physical data

Pin spacing	5 mm / 0.197 inches
Width	10 mm / 0.394 inches
Height from the surface	11 mm / 0.433 inches
Depth	9 mm / 0.354 inches
Solder pin length	4.5 mm
Solder pin diameter	1 mm

Plug-in connection

Plugging without loss of pin spacing	Yes
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PCB contact

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

Material Data

Note (material data)	Information on material specifications can be found here
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
Fire load	0.017 MJ
Weight	1.9 g

Environmental requirements

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

eCl@ss 10.0	27-44-04-01
eCl@ss 9.0	27-44-04-01
ETIM 8.0	EC002643
ETIM 7.0	EC002643
PU (SPU)	600 (100) pcs
Packaging type	box
Country of origin	IN
GTIN	4045454539771
Customs tariff number	85369010000

Environmental Product Compliance

CAS-No.	7439-92-1
REACH Candidate List Substance	Lead
RoHS Compliance Status	Compliant,With Exemption
RoHS Exemption	6(c)

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SCIP notification number (Austria)	dc729151-ec81-403c-9cbc-83c6490cd768
SCIP notification number (Belgium)	f221eb49-9152-4748-a995-2c5e33d9428d
SCIP notification number (Bulgaria)	31bb17a1-daa2-4d48-9d10-defbd70711db
SCIP notification number (Czech Republic)	772a84e4-a54f-4255-b718-176ed31c37f1
SCIP notification number (Denmark)	d8287e93-1151-4b87-91ca-3dc72d35a1b2
SCIP notification number (Finland)	00009967-8926-4df3-96db-6b668c2f96c0
SCIP notification number (France)	6085c569-07c4-415a-a096-b2a46a6bef5c
SCIP notification number (Germany)	1f6c2566-3e0d-43b7-ba5a-81e20a393e65
SCIP notification number (Hungary)	4c1f7b82-9e4d-4f6b-85f8-46f116b2e386
SCIP notification number (Italy)	a16e1797-f01f-41a4-8b53-79be88257c39
SCIP notification number (Netherlands)	a3e481c0-3110-44d7-a595-d02b42d73553
SCIP notification number (Poland)	839f4785-c352-4864-855d-5ef1e903c0cc
SCIP notification number (Romania)	6dc88380-525a-4bd5-af55-c0a796e6e2c4
SCIP notification number (Sweden)	00401269-9758-4b01-9a8c-0ab8475df586

Approvals / Certificates

General 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 UL International Germany GmbH	UL 1059	E45172

Declarations of conformity and manufacturer's declarations

Logo	Approval	Additional Approval Text	Certificate name
	EU-Declaration of Conformity WAGO GmbH & Co. KG	-	-
	UK-Declaration of Conformity WAGO GmbH & Co. KG	-	-

Downloads

Documentation

Additional Information

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2019 年4月3日

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CAD/CAE-Data

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

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- 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 237-102	URL	Download
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Installation Notes

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