

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

| | |
|-------------------------------|----------------|
| Ratings per | IEC/EN 60664-1 |
| Rated voltage (III/2) | 250 V |
| Rated impulse voltage (III/2) | 2.5 kV |

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

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| | |
|------------------|---|
| Rated current | 16 A |
| Legend (ratings) | (III / 2) $\hat{=}$ 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 | 11 mm / 0.433 inches |
| Depth | 9 mm / 0.354 inches |
| Length | 4.5 mm |
| Length | 1 mm |

Plug-in connection

| | |
|--------------------------------------|-----|
| Plugging without loss of pin spacing | Yes |
|--------------------------------------|-----|

PCB contact

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

Material Data

Note (material data)

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



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 |
|-------------------------|-----------------|

Commercial data

| | |
|-----------------------|---------------|
| eCl@ss 10.0 | 27-44-04-01 |
| eCl@ss 10.0 | 27-44-04-01 |
| ETIM 8.0 | EC002643 |
| ETIM 8.0 | 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) |
| SCIP notification number (Austria) | 2d027e71-8dc8-4a71-93f4-757ab3ae96aa |
| SCIP notification number (Belgium) | d1a0471c-a4c5-4fcb-a886-9276a0db7138 |
| SCIP notification number (Bulgaria) | d165b275-7047-43c7-9df3-493322b9f6f3 |
| SCIP notification number (Czech Republic) | ac1456ca-4491-42e7-877c-d1ebd30fc48c |
| SCIP notification number (Denmark) | 2da07241-1630-4bb0-88f8-253995b8ea8a |
| SCIP notification number (Finland) | a28890eb-3e88-4e1c-970f-56b20b438bf6 |

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| | |
|--|--------------------------------------|
| SCIP notification number (France) | dc67ed0f-50d7-456a-ae63-ee44a755fbfa |
| SCIP notification number (Germany) | 1f6c2566-3e0d-43b7-ba5a-81e20a393e65 |
| SCIP notification number (Hungary) | b5555adf-ba7b-4014-b3c2-c2e5fa1146dd |
| SCIP notification number (Italy) | 938f9a23-439a-4a53-8ff1-2b006269eedb |
| SCIP notification number (Netherlands) | 07dd5291-8c11-4901-b3ce-2deccc6ad3e4 |
| SCIP notification number (Poland) | 87008bd5-fc38-40b8-b9e1-fe274e1a0426 |
| SCIP notification number (Romania) | 8ee3ec2b-ff01-49a3-975f-c59cf32a068d |
| SCIP notification number (Sweden) | 72aae65e-3b6e-449a-a76f-be72b5d90c49 |

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 | - | - |

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Downloads

Documentation

Additional Information

| | | | |
|------------------------|------------|--------|----------|
| Technical Section | 2019 年4月3日 | pdf | Download |
| Technical explanations | | 2.0 MB | |

CAD/CAE-Data

CAD data

| | | | |
|----------------------|--|-----|----------|
| 2D/3D Models 237-102 | | URL | Download |
|----------------------|--|-----|----------|

CAE data

| | | | |
|---------------------------|--|-----|----------|
| EPLAN Data Portal 237-102 | | URL | Download |
|---------------------------|--|-----|----------|

| | | | |
|----------------------|--|-----|----------|
| ZUKEN Portal 237-102 | | URL | Download |
|----------------------|--|-----|----------|

PCB Design

| | | | |
|------------------------------|--|-----|----------|
| Symbol and Footprint 237-102 | | URL | Download |
|------------------------------|--|-----|----------|

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

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- 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 237-102 | URL | Download |
| PCB terminal block; 2.5 mm ² ; Pin spacing 5 mm; 2-pole; 2,50 mm ² ; gray | | |

Installation Notes

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