

Data sheet | Item number: 237-112

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

www.wago.com/237-112



RoHS
Compliant

BOMcheck.net

Color: ■

Data

Electrical data

Ratings per IEC/EN 60664-1

| | |
|---------------------------------|---|
| Rated voltage (III / 2) | 800 V |
| Rated impulse voltage (III / 2) | 6 kV |
| Rated current | 16 A |
| Legend (ratings) | (III / 2) ≙ Overvoltage category III / Pollution degree 2 |



Connection data

| | |
|-----------------------------------|---|
| Connection technology | Screw clamp 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 entry angle to the PCB | 0° |
| No. of poles | 1 |
| Total number of connection points | 1 |
| Total number of potentials | 1 |
| Number of connection types | 1 |
| Number of levels | 1 |

Geometrical Data

| | |
|-------------------------|------------------------------|
| Pin spacing | 10/10.16 mm / 0.394/0.4 inch |
| Width | 10 mm / 0.394 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 |
| Insulating material | Polyamide 66 (PA 66) |
| Flammability class per UL94 | V0 |
| Clamping spring material | Chrome nickel spring steel (CrNi) |
| Contact material | Electrolytic copper (Ecu) |
| Contact plating | tin-plated |
| Weight | 1.26 g |

Environmental Requirements

| | |
|-------------------------|-----------------|
| Limit temperature range | -60 ... +105 °C |
|-------------------------|-----------------|



Commercial data

| | |
|-------------------|----|
| Country of origin | IN |
|-------------------|----|


| | |
|--------------------|---------------|
| GTIN | 4044918683203 |
| Customs Tariff No. | 85369010000 |

Approvals / Certificates

Country specific Approvals

| Logo | Approval | Certificate name |
|--|---------------------------------|------------------|
|  | CCA DEKRA Certification B.V. | NTR NL-7137 |
|  | CCA DEKRA Certification B.V. | 2160584.33 |

UL-Approvals

| Logo | Approval | Certificate name |
|--|-------------------------------------|------------------|
|  | UL UL International Germany GmbH | E45172 |

Downloads

smartDATA

PCB libraries

| | | | |
|---|----------------------|----------------|----------|
| EAGLE Library for WAGO PCB Terminal Blocks Compatible with EAGLE PCB Design Software Version 6.x or higher | 2.1 Nov 17, 2017 | ZIP 23.9 MB | Download |
| DesignSpark Library for WAGO PCB Terminal Blocks Compatible with DesignSpark PCB Version 4.x or higher | 2.1 Oct 6, 2014 | ZIP 22.5 MB | Download |
| TARGET Library for WAGO PCB Terminal Blocks Compatible with TARGET PCB Design Software Version 17.x | 1.1.0 Oct 6, 2014 | ZIP 27.1 MB | Download |

Subject to changes.

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