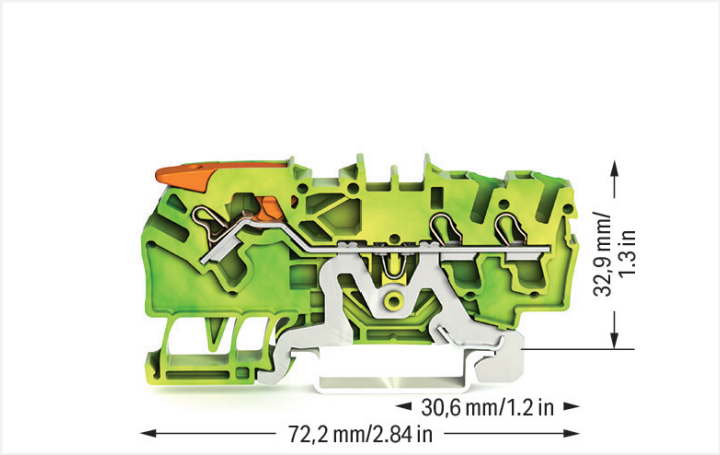
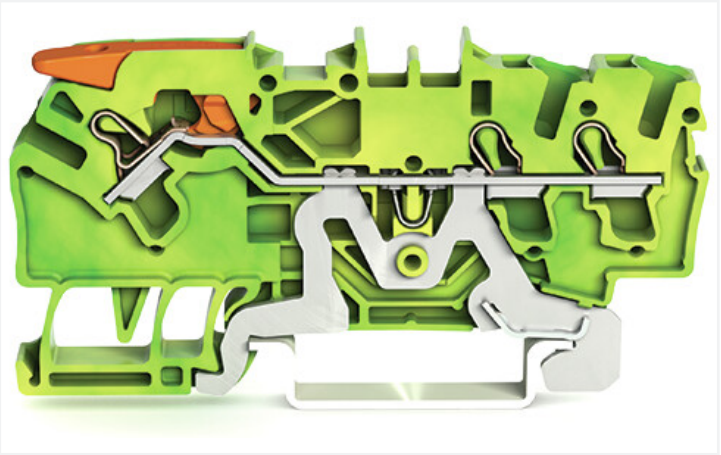
# Data Sheet | Item Number: 2102-1307

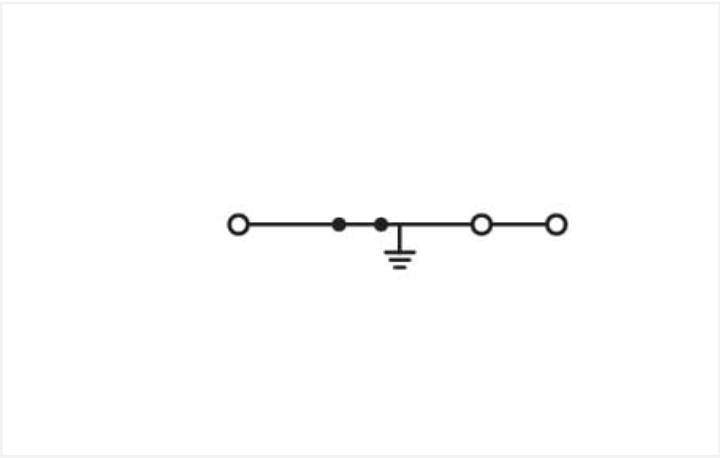
3-conductor ground terminal block; with lever and Push-in CAGE CLAMP®; 2.5 mm²; with test port; side and center marking; for DIN-rail 35 x 15 and 35 x 7.5; Push-in CAGE CLAMP®; 2,50 mm²; green-yellow

https://www.wago.com/2102-1307



Color: green-yellow



Similar to illustration

## Electrical data

| Ratings per | IEC/EN 60947-7-2 | | |
|---|---|---|---|
| Overvoltage category | III | III | II |
| Pollution degree | 3 | 2 | 2 |
| Nominal voltage | - | - | - |
| Rated surge voltage | - | - | - |
| Rated current | - | - | - |

| Ex information | |
|---|---|
| Reference hazardous areas | See “Downloads – Documentation – Additional Information: Technical Section; Technical Explications” |

## Connection data

| | |
|---|---|
| Connection points | 3 |
| Total number of potentials | 1 |
| Number of levels | 1 |
| Number of jumper slots | 2 |

### Connection 1

| | |
|---|---|
| Connection technology | Push-in CAGE CLAMP® |
| Actuation type | Lever |
| Connectable conductor materials | Copper |
| Nominal cross-section | 2.5 mm² |
| Solid conductor | 0.25 … 4 mm² / 22 … 12 AWG |
| Solid conductor; push-in termination | 0.75 … 4 mm² / 18 … 12 AWG |
| Fine-stranded conductor | 0.25 … 4 mm² / 22 … 12 AWG |
| Fine-stranded conductor; with insulated ferrule | 0.25 … 2.5 mm² / 22 … 14 AWG |

## Connection 1

| | |
|---|---|
| Fine-stranded conductor; with ferrule; push-in termination | 1 … 2.5 mm² / 18 … 14 AWG |
| Note (conductor cross-section) | Depending on the conductor characteristic, a conductor with a smaller cross-section can also be inserted via push-in termination. |
| Strip length | 10 … 12 mm / 0.39 … 0.47 inches |
| Wiring direction | Front-entry wiring |

## Connection 2

| | |
|---|---|
| Actuation type 2 | Operating tool |

## Physical data

| | |
|---|---|
| Width | 5.2 mm / 0.205 inches |
| Height | 72.2 mm / 2.843 inches |
| Depth from upper-edge of DIN-rail | 32.9 mm / 1.295 inches |

## Mechanical data

| | |
|---|---|
| Mounting type | DIN-35 rail |
| Marking level | Center/side marking |

## Material data

| | |
|---|---|
| Note (material data) | Information on material specifications can be found here |
| Color | green-yellow |
| Material group | I |
| Insulation material | Polyamide (PA66) |
| Flammability class per UL94 | V0 |
| Fire load | 0.17 MJ |
| Actuator color | orange |
| Weight | 11 g |

## Environmental requirements

| | |
|---|---|
| Continuous operating temperature | -60 … +105 °C |

## Commercial data

| | |
|---|---|
| eCl@ss 10.0 | 27-14-11-41 |
| eCl@ss 9.0 | 27-14-11-41 |
| ETIM 8.0 | EC000901 |
| ETIM 7.0 | EC000901 |
| PU (SPU) | 50 pcs |
| Packaging type | Box |
| Country of origin | DE |
| GTIN | 4055143741811 |
| Customs tariff number | 85369010000 |

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## Environmental Product Compliance

| | |
|---|---|
| RoHS Compliance Status | Compliant,No Exemption |

## Approvals / Certificates

### General approvals

| Approval | Standard | Certificate Name |
|---|---|---|
| CCA<br>DEKRA Certification B.V. | EN 60947 | NTR NL 7670 |
| CSA<br>DEKRA Certification B.V. | C22.2 | 70175030 |
| cURus<br>Underwriters Laboratories Inc. | UL 1059 | E45172 |
| KEMA/KEUR<br>DEKRA Certification B.V. | EN 60947 | 71-102882 |

### Declarations of conformity and manufacturer's declarations

| Approval | Standard | Certificate Name |
|---|---|---|
| ATEX-Attestation of Conformity<br>WAGO GmbH & Co. KG | - | - |
| EU-Declaration of Conformity<br>WAGO GmbH & Co. KG | - | - |
| UK-Declaration of Conformity<br>WAGO GmbH & Co. KG | - | - |

### Approvals for marine applications

| Approval | Standard | Certificate Name |
|---|---|---|
| ABS<br>American Bureau of Shipping | - | 19-HG1866350-PDA |
| BV<br>Bureau Veritas S.A. | IEC 60947 | 58186/A0 BV |
| DNV GL<br>Det Norske Veritas, Germanischer Lloyd | - | TAE00003JT |
| LR<br>Lloyds Register | - | 19/20050 |

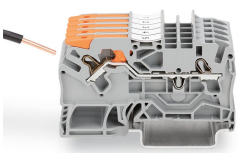
### Approvals for hazardous areas

| Approval | Standard | Certificate Name |
|---|---|---|
| AEx<br>Underwriters Laboratories Inc. | UL 60079 | 20181105-E185892 (AEx eb IIC resp. Ex eb IIC) |
| ATEX<br>Physikalisch Technische Bundesanstalt | EN 60079-0 | PTB 18 ATEX 1010 U (II 2 G Ex eb IIC Gb bzw. I M 2 Ex eb I Mb) |
| CCC<br>CNEX | GB/T 3836.3 | 2020312313000163 (Ex eb IIC Gb, Ex eb I Mb) |
| EAC<br>Brjansker Zertifizierungsstelle | TP TC 012/2011 | RU C-DE.AM02.B.00127/19 (Ex e IIC Gb U) |
| IECEx<br>Physikalisch Technische Bundesanstalt | IEC 60079-0 | IECEx PTB 18.0017U (Ex eb IIC Gb resp. Ex eb I Mb) |
| INMETRO<br>TÜV Rheinland do Brasil Ltda. | IEC 60079 | TÜV 19.0818 U |

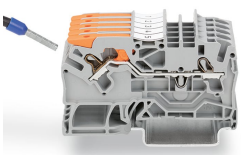
## Installation Notes

### Conductor termination

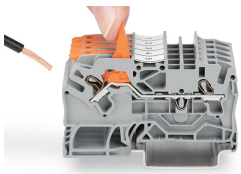
**All conductor types at a glance**



Push-in termination of solid conductors



Push-in termination of fine-stranded conductors with ferrules



Pull the lever up until it stops, then connect the fine-stranded conductor.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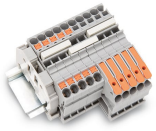
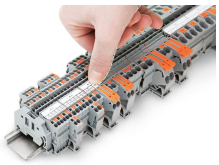
## Commoning

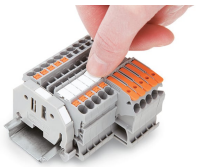


Insert a push-in type jumper bar and push down until it hits the backstop.

## Marking



Snapping a marking strip into a marker slot.



Snapping a marking strip into the marker slot.