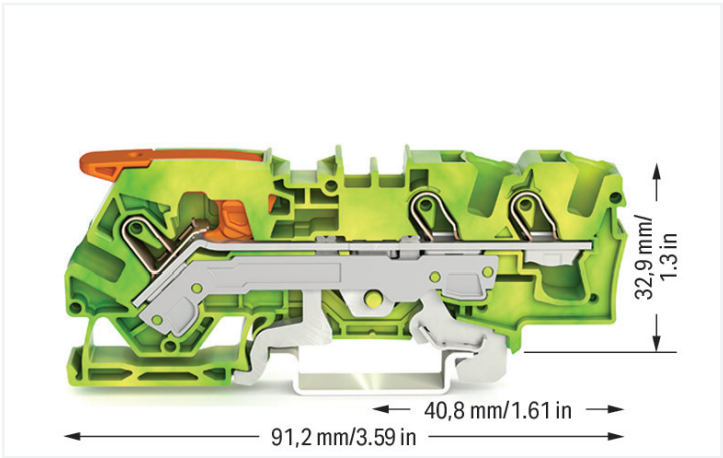


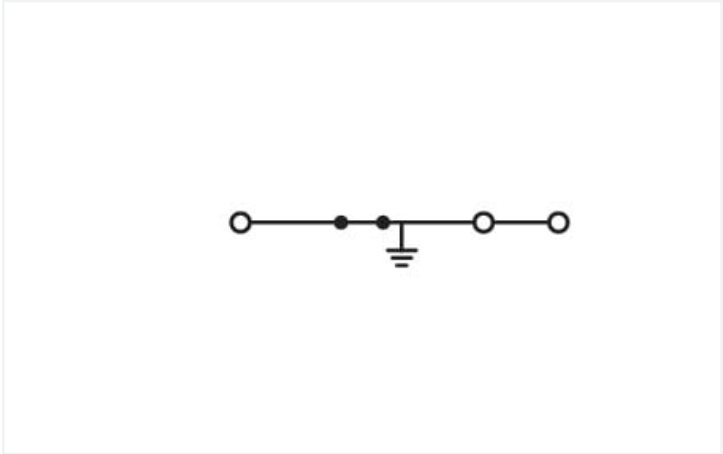
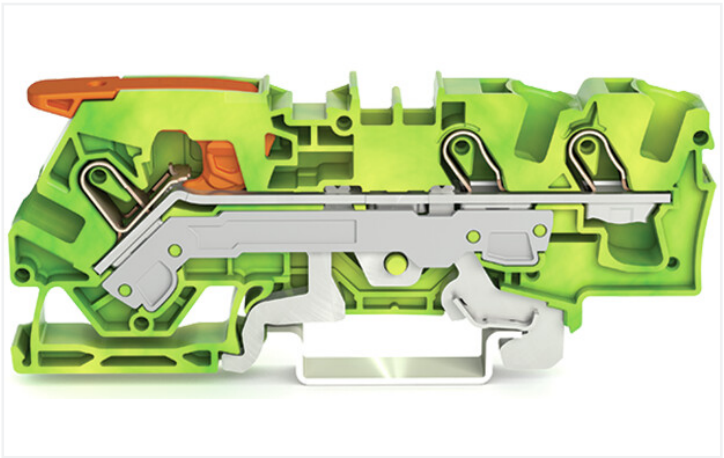
Data Sheet | Item Number: 2106-1307

3-conductor ground terminal block; with lever and Push-in CAGE CLAMP®; 6 mm²; with test port; side and center marking; for DIN-rail 35 x 15 and 35 x 7.5; Push-in CAGE CLAMP®; 6,00 mm²; green-yellow

<https://www.wago.com/2106-1307>



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 Explanations" |    |                               |
| Connection data            |     |                                                                                                     |    |                               |
| Connection points          | 3   | Connection 1                                                                                        |    |                               |
| Total number of potentials | 1   | Connection technology                                                                               |    | Push-in CAGE CLAMP®           |
| Number of levels           | 1   | Actuation type                                                                                      |    | Lever                         |
| Number of jumper slots     | 2   | Connectable conductor materials                                                                     |    | Copper                        |
|                            |     | Nominal cross-section                                                                               |    | 6 mm²                         |
|                            |     | Solid conductor                                                                                     |    | 0.5 ... 10 mm² / 20 ... 8 AWG |
|                            |     | Solid conductor; push-in termination                                                                |    | 1 ... 10 mm² / 14 ... 8 AWG   |
|                            |     | Fine-stranded conductor                                                                             |    | 0.5 ... 10 mm² / 20 ... 8 AWG |
|                            |     | Fine-stranded conductor; with insulated ferrule                                                     |    | 0.5 ... 6 mm² / 20 ... 10 AWG |



| Connection 1                                               |                                                                                                                                   |
|------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| Fine-stranded conductor; with ferrule; push-in termination | 2.5 ... 6 mm² / 16 ... 10 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                                               | 13 ... 15 mm / 0.51 ... 0.59 inches                                                                                               |
| Wiring direction                                           | Front-entry wiring                                                                                                                |

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

| Physical data                     |                        |
|-----------------------------------|------------------------|
| Width                             | 7.5 mm / 0.295 inches  |
| Height                            | 91.2 mm / 3.591 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)        | <a href="_blank">Information on material specifications can be found here</a> |
| Color                       | green-yellow                                                                  |
| Material group              | I                                                                             |
| Insulation material         | Polyamide (PA66)                                                              |
| Flammability class per UL94 | V0                                                                            |
| Fire load                   | 0.38 MJ                                                                       |
| Actuator color              | orange                                                                        |
| Weight                      | 25 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)              | 25 pcs        |
| Packaging type        | Box           |
| Country of origin     | DE            |
| GTIN                  | 4055143742221 |
| Customs tariff number | 85369010000   |



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

Approvals / Certificates

| General approvals                       |          |                  | Declarations of conformity and manufacturer's declarations |          |                  |
|-----------------------------------------|----------|------------------|------------------------------------------------------------|----------|------------------|
|                                         |          |                  |                                                            |          |                  |
| Approval                                | Standard | Certificate Name | Approval                                                   | Standard | Certificate Name |
| CCA<br>DEKRA Certification B.V.         | EN 60947 | NTR NL 7678      | ATEX-Attestation of Con-<br>formity<br>WAGO GmbH & Co. KG  | -        | -                |
| CSA<br>DEKRA Certification B.V.         | C22.2    | 70175103         |                                                            |          |                  |
| KEMA/KEUR<br>DEKRA Certification B.V.   | EN 60947 | 71-103226        |                                                            |          |                  |
| UL<br>Underwriters Laboratories<br>Inc. | UL 1059  | E45172           |                                                            |          |                  |

| Approvals for marine applications                     |           |                  | Approvals for hazardous areas                                                        |                |                                                                      |
|-------------------------------------------------------|-----------|------------------|--------------------------------------------------------------------------------------|----------------|----------------------------------------------------------------------|
|                                                       |           |                  |                                                                                      |                |                                                                      |
| Approval                                              | Standard  | Certificate Name | Approval                                                                             | Standard       | Certificate Name                                                     |
| ABS<br>American Bureau of Ship-<br>ping               | -         | 19-HG1866350-PDA | AEx<br>UL International Germany<br>GmbH c/o Physikalisch<br>Technische Bundesanstalt | UL 60079       | E185892 (AEx eb IIC resp.<br>Ex eb IIC)                              |
| BV<br>Bureau Veritas S.A.                             | IEC 60947 | 58186/A0 BV      | ATEX<br>Physikalisch Technische<br>Bundesanstalt                                     | EN 60079-0     | PTB 18 ATEX 1011 U (II 2<br>G Ex eb IIC Gb bzw. I M 2<br>Ex eb I Mb) |
| DNV GL<br>Det Norske Veritas, Ger-<br>manischer Lloyd | -         | TAE00003JT       | CCC<br>CNEX                                                                          | GB/T 3836.3    | 2020312313000164 (Ex<br>eb IIC Gb, Ex eb I Mb)                       |
| LR<br>Lloyds Register                                 | -         | 19/20050         | EAC<br>Brjansker Zertifizierungs-<br>stelle                                          | TP TC 012/2011 | RU C-DE.AM02.<br>B.00127/19 (Ex e IIC Gb U)                          |
|                                                       |           |                  | IECEx<br>Physikalisch Technische<br>Bundesanstalt                                    | IEC 60079-0    | IECEx PTB 18.0018U (Ex<br>eb IIC Gb resp. Ex eb I Mb)                |
|                                                       |           |                  | INMETRO<br>TÜV Rheinland do Brasil<br>Ltda.                                          | IEC 60079      | TÜV 19.0823 U                                                        |

| Downloads                                     |  |
|-----------------------------------------------|--|
| Environmental Product Compliance              |  |
| Compliance Search                             |  |
| Environmental Product<br>Compliance 2106-1307 |  |

Documentation



| Additional Information |                   |                   |
|------------------------|-------------------|-------------------|
| Technical Section      | pdf<br>2142.18 KB | <a href="#">↓</a> |

| Bid Text  |            |                  |                   |
|-----------|------------|------------------|-------------------|
| 2106-1307 | 15.04.2019 | xml<br>3.77 KB   | <a href="#">↓</a> |
| 2106-1307 | 15.04.2019 | docx<br>14.58 KB | <a href="#">↓</a> |

| CAD/CAE-Data                                |                                                  |
|---------------------------------------------|--------------------------------------------------|
| <b>CAD data</b>                             | <b>CAE data</b>                                  |
| 2D/3D Models<br>2106-1307 <a href="#">↓</a> | EPLAN Data Portal<br>2106-1307 <a href="#">↓</a> |
|                                             | ZUKEN Portal<br>2106-1307 <a href="#">↓</a>      |

| 1 Compatible Products    |
|--------------------------|
| 1.1 Required Accessories |
| 1.1.1 End plate          |
| 1.1.1.1 End plate        |



**Item No.: 2106-1391**  
End and intermediate plate; 1 mm thick;  
for 3-conductor terminal blocks; gray



**Item No.: 2106-1392**  
End and intermediate plate; 1 mm thick;  
for 3-conductor terminal blocks; orange

| 1.2 Optional Accessories |
|--------------------------|
| 1.2.1 Cover              |
| 1.2.1.1 Cover            |



**Item No.: 2006-191**  
Lockout cap; for wire insertion and actuating opening; gray

| 1.2.2 DIN-rail                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                   |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1.2.2.1 Mounting accessories                                                                                                                                                                                                       |                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                   |
|  <p><b>Item No.: 210-196</b><br/>Aluminum carrier rail; 35 x 8.2 mm; 1.6 mm thick; 2 m long; unslotted; similar to EN 60715; silver-colored</p> |  <p><b>Item No.: 210-198</b><br/>Copper carrier rail; 35 x 15 mm; 2.3 mm thick; 2 m long; unslotted; according to EN 60715; copper-colored</p>                |  <p><b>Item No.: 210-197</b><br/>Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; slotted; similar to EN 60715; silver-colored</p>                     |  <p><b>Item No.: 210-114</b><br/>Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; unslotted; similar to EN 60715; silver-colored</p>  |
|  <p><b>Item No.: 210-118</b><br/>Steel carrier rail; 35 x 15 mm; 2.3 mm thick; 2 m long; unslotted; according to EN 60715; silver-colored</p>   |  <p><b>Item No.: 210-115</b><br/>Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; slotted; according to EN 60715; "Hole width 18 mm; silver-colored</p> |  <p><b>Item No.: 210-112</b><br/>Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; slotted; according to EN 60715; "Hole width 25 mm; silver-colored</p> |  <p><b>Item No.: 210-113</b><br/>Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; unslotted; according to EN 60715; silver-colored</p> |



1.2.3 Ferrule

1.2.3.1 Ferrule



**Item No.: 216-262**  
Ferrule; Sleeve for 0.75 mm² / 18 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; gray



**Item No.: 216-263**  
Ferrule; Sleeve for 1 mm² / AWG 18; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; red



**Item No.: 216-264**  
Ferrule; Sleeve for 1.5 mm² / AWG 16; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; black



**Item No.: 216-266**  
Ferrule; Sleeve for 2.5 mm² / AWG 14; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; blue



**Item No.: 216-267**  
Ferrule; Sleeve for 4 mm² / AWG 12; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; gray



**Item No.: 216-208**  
Ferrule; Sleeve for 6 mm² / AWG 10; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; yellow

1.2.4 Installation

1.2.4.1 Cover



**Item No.: 709-156**  
Cover; Type 3; suitable for cover carrier, type 3; 1 m long; transparent

1.2.4.2 Cover carrier



**Item No.: 709-169**  
Cover carrier; Type 3; gray

1.2.5 Jumper

1.2.5.1 Jumper



**Item No.: 2006-402**  
Jumper; 2-way; insulated; light gray



**Item No.: 2006-403**  
Jumper; 3-way; insulated; light gray



**Item No.: 2006-404**  
Jumper; 4-way; insulated; light gray



**Item No.: 2006-405**  
Jumper; 5-way; insulated; light gray



**Item No.: 2006-433**  
Jumper; from 1 to 3; insulated; light gray



**Item No.: 2006-434**  
Jumper; from 1 to 4; insulated; light gray



**Item No.: 2006-435**  
Jumper; from 1 to 5; insulated; light gray



**Item No.: 2006-405/011-000**  
Star point jumper; 3-way; insulated; light gray

1.2.6 Marking

## 1.2.6.1 Group marker carrier



Item No.: 2009-191

Group marker carrier; gray

Item No.: 2009-192

Group marker carrier; gray

Item No.: 2009-193

Group marker carrier; gray

## 1.2.6.2 Marker

Item No.: 2009-145/000-006

Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; blue

Item No.: 2009-145/000-007

Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; gray

Item No.: 2009-145/000-023

Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; green

Item No.: 2009-145/000-012

Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; orange

Item No.: 2009-145/000-005

Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; red

Item No.: 2009-145/000-024

Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; violet

Item No.: 2009-145

Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; white

Item No.: 2009-145/000-002

Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; yellow



Item No.: 248-501/000-006

Mini-WSB marking card; as card; not stretchable; plain; snap-on type; blue

Item No.: 248-501/000-007

Mini-WSB marking card; as card; not stretchable; plain; snap-on type; gray

Item No.: 248-501/000-023

Mini-WSB marking card; as card; not stretchable; plain; snap-on type; green

Item No.: 248-501/000-017

Mini-WSB marking card; as card; not stretchable; plain; snap-on type; light green



Item No.: 248-501/000-012

Mini-WSB marking card; as card; not stretchable; plain; snap-on type; orange

Item No.: 248-501/000-005

Mini-WSB marking card; as card; not stretchable; plain; snap-on type; red

Item No.: 248-501/000-024

Mini-WSB marking card; as card; not stretchable; plain; snap-on type; violet

Item No.: 248-501

Mini-WSB marking card; as card; not stretchable; plain; snap-on type; white



Item No.: 248-501/000-002

Mini-WSB marking card; as card; not stretchable; plain; snap-on type; yellow

Item No.: 793-5501/000-006

WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; blue

Item No.: 793-5501/000-007

WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; gray

Item No.: 793-5501/000-023

WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; green



Item No.: 793-5501/000-017

WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; light green

Item No.: 793-5501/000-012

WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; orange

Item No.: 793-5501/000-005

WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; red

Item No.: 793-5501/000-024

WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; violet



Item No.: 793-5501

WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; white

Item No.: 793-5501/000-002

WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; yellow

Item No.: 793-501/000-006

WMB marking card; as card; not stretchable; plain; snap-on type; blue

Item No.: 793-501/000-007

WMB marking card; as card; not stretchable; plain; snap-on type; gray



Item No.: 793-501/000-023

WMB marking card; as card; not stretchable; plain; snap-on type; green

Item No.: 793-501/000-017

WMB marking card; as card; not stretchable; plain; snap-on type; light green

Item No.: 793-501/000-012

WMB marking card; as card; not stretchable; plain; snap-on type; orange

Item No.: 793-501/000-005

WMB marking card; as card; not stretchable; plain; snap-on type; red



Item No.: 793-501/000-024

WMB marking card; as card; not stretchable; plain; snap-on type; violet

Item No.: 793-501

WMB marking card; as card; not stretchable; plain; snap-on type; white

Item No.: 793-501/000-002

WMB marking card; as card; not stretchable; plain; snap-on type; yellow

Item No.: 2009-115/000-006

WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; blue



Item No.: 2009-115/000-007

WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; gray

Item No.: 2009-115/000-023

WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; green

Item No.: 2009-115/000-017

WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; light green

Item No.: 2009-115/000-012

WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; orange

1.2.6.2 Marker



**Item No.: 2009-115/000-024**  
WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; violet



**Item No.: 2009-115**  
WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; white



**Item No.: 2009-115/000-002**  
WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; yellow

1.2.6.3 Marker carrier



**Item No.: 2009-198**  
Adaptor; gray

1.2.6.4 Marking strip



**Item No.: 2009-110**  
Marking strips; for Smart Printer; on reel; not stretchable; plain; snap-on type; white

1.2.7 Protective warning marker

1.2.7.1 Cover



**Item No.: 2006-115**  
Protective warning marker; for 5 terminal blocks; with high-voltage symbol, black; yellow

1.2.8 Test and measurement

1.2.8.1 Testing accessories



**Item No.: 2006-511**  
Modular TOPJOB®S connector; modular; for jumper contact slot; 1-pole; 6,00 mm<sup>2</sup>; gray



**Item No.: 2006-549**  
Spacer module; modular; e.g., for bridging commoned terminal blocks; gray



**Item No.: 2009-174**  
Test plug adapter; for 4 mm Ø test plugs; for testing TOPJOB®S rail-mounted terminal blocks; gray



**Item No.: 210-136**  
Test plug; 2 mm Ø; with 500 mm cable; red



**Item No.: 2009-182**  
Testing tap; for max. 2.5 mm<sup>2</sup>; tool-free connection for individual test wires 0.08 - 2.5 mm; gray

1.2.9 Tool

### 1.2.9.1 Operating tool



#### Item No.: 210-721

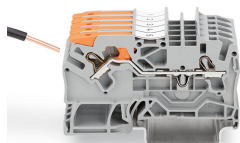
Operating tool; Blade: 5.5 x 0.8 mm; with a partially insulated shaft; multicoloured

## Installation Notes

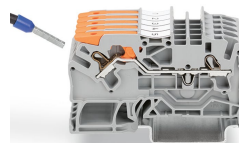
### Conductor termination



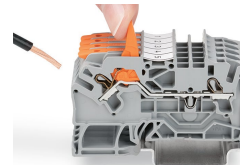
All conductor types at a glance



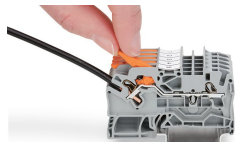
Push-in termination of solid conductors



Push-in termination of fine-stranded conductors with ferrules



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

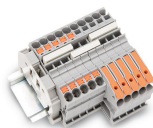


Push the lever back down – done!



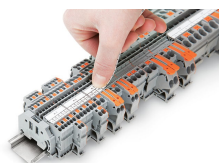
Push the lever back down – done!

### Commoning

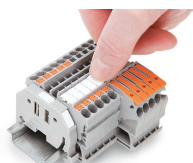


Insert a push-in type jumper bar and push down until it hits the backstop.

### Marking



Snapping a marking strip into a marker slot.



Snapping a marking strip into the marker slot.