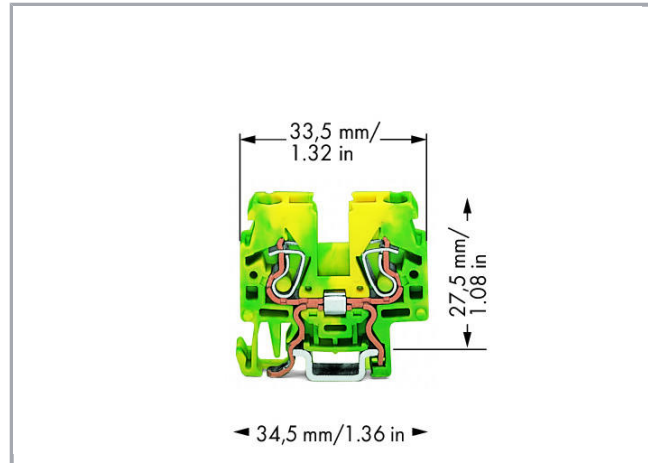
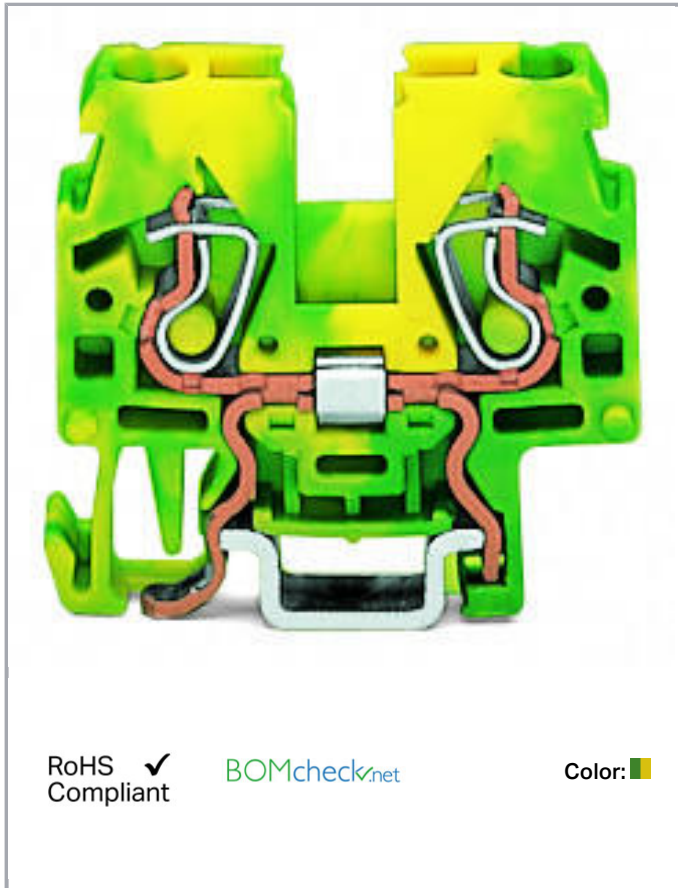


Data sheet | Item number: 870-917

2-conductor ground terminal block; 2.5 mm²; lateral marker slots; for DIN-15 rail; CAGE CLAMP®; 2,50 mm²; green-yellow

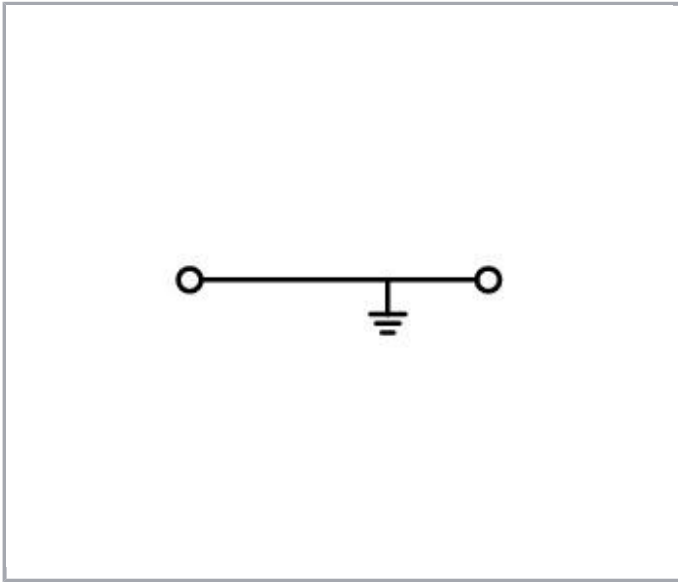
www.wago.com/870-917



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

WAGO Kontakttechnik GmbH & Co. KG
Hansastr. 27
32423 Minden
Phone: +49571 887-0 | Fax: +49571 887-169
Email: info.de@wago.com | Web: www.wago.com

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We are always happy to take your call at +49 (571) 887-44222.



Item description

Safety information 1:

Notice: This ground conductor terminal block cannot be commoned with push-in type jumper bars!

Safety information 2:

Max. insulation diameter: 4.4 mm

Data

Electrical data

Ratings per IEC/EN 60664-1

Ratings per IEC/EN 60947-7-2

Connection data

| | |
|-----------------------------------|--|
| Connection technology | CAGE CLAMP® |
| Actuation type | Operating tool |
| Connectable conductor materials | Copper |
| Solid conductor | 0,08 ... 2,5 mm ² / 28 ... 12 AWG |
| Fine-stranded conductor | 0,08 ... 4 mm ² / 28 ... 12 AWG |
| Strip length | 6 ... 7 mm / 0.24 ... 0.28 inch |
| Total number of connection points | 2 |
| Total number of potentials | 1 |
| Number of levels | 1 |

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

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Type of wiring

Front-entry wiring

Geometrical Data

| | |
|---------------------------------------|----------------------|
| Width | 5 mm / 0.197 inch |
| Height from upper-edge of DIN-35 rail | 26,5 mm / 1.043 inch |
| Depth | 34,5 mm / 1.358 inch |

Mechanical data

| | |
|------------------|-----------------|
| Design | horizontal type |
| Type of mounting | DIN-15 rail |
| Marking level | Side marking |

Material Data



| | |
|---------------------|----------------------|
| Color | green-yellow |
| Insulating material | Polyamide 66 (PA 66) |
| Fire load | 0.068 MJ |
| Weight | 5 g |

Commercial data

| | |
|--------------------|---------------|
| Packaging type | BOX |
| Country of origin | DE |
| GTIN | 4045454567866 |
| Customs Tariff No. | 85369010000 |

Approvals / Certificates

Country specific Approvals



| Logo | Approval | Additional Approval Text | Certificate name |
|--|---------------------------------|--------------------------|------------------|
|  | CCA DEKRA Certification B.V. | EN 60947 | NTR NL 7468 |
|  | CCA DEKRA Certification B.V. | EN 60947 | 2189801.01 |

Ship Approvals


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

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 32423 Minden
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| Logo | Approval | Additional Approval Text | Certificate name |
|---|---|--------------------------|--------------------------|
|  | ABS American Bureau of Shipping | - | 20- HG1941090- PDA |
|  | LR Lloyds Register | EN 60947 | 91/20112 (E9) |


UL-Approvals

| Logo | Approval | Additional Approval Text | Certificate name |
|--|---|--------------------------|---------------------|
|  | cURus UL International Germany GmbH | UL 1059 | 20160928- E45172 |

Counterpart**Compatible products****Carrier rail**


| | |
|--|--|
| Item no.: 210-111 Steel carrier rail; 15 x 5.5 mm; 1 mm thick; 2 m long; slotted; according to EN 60715 | www.wago.com/210-111 |
| Item no.: 210-295 Steel carrier rail; 15 x 5.5 mm; 1 mm thick; 2 m long; unslotted; according to EN 60715 | www.wago.com/210-295 |
| Item no.: 210-296 Aluminum carrier rail; 15 x 5.5 mm; 1 mm thick; 2 m long; unslotted; similar to EN 60715; silver-colored | www.wago.com/210-296 |

Marking accessories

| | |
|---|--|
|  Item no.: 2009-115 WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; white | www.wago.com/2009-115 |
|---|--|

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

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

 **Item no.: 2009-115/000-006** www.wago.com/2009-115/000-006
 WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; white

Item no.: 2009-115/000-007 www.wago.com/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.: 2009-115/000-012 www.wago.com/2009-115/000-012
 WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; white


 **Item no.: 2009-115/000-017** www.wago.com/2009-115/000-017
 WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; white


 **Item no.: 2009-115/000-023** www.wago.com/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.: 2009-115/000-024 www.wago.com/2009-115/000-024
 WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; white

Item no.: 2009-145 www.wago.com/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** www.wago.com/2009-145/000-002
 Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; white

 **Item no.: 2009-145/000-005** www.wago.com/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.: 2009-145/000-006** www.wago.com/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 www.wago.com/2009-145/000-007
 Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; white

Item no.: 2009-145/000-012 www.wago.com/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.: 2009-145/000-023** www.wago.com/2009-145/000-023
 Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type;

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

green



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

www.wago.com/2009-145/000-024



Item no.: 248-501

Miniature WSB Quick marking system; plain; Marker width 5 mm; 10 strips with 10 markers per card

www.wago.com/248-501

Item no.: 248-501/000-002

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

www.wago.com/248-501/000-002

Item no.: 248-501/000-005

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

www.wago.com/248-501/000-005



Item no.: 248-501/000-006

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

www.wago.com/248-501/000-006

Item no.: 248-501/000-007

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

www.wago.com/248-501/000-007



Item no.: 248-501/000-012

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

www.wago.com/248-501/000-012



Item no.: 248-501/000-017

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

www.wago.com/248-501/000-017

Item no.: 248-501/000-023

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

www.wago.com/248-501/000-023

Item no.: 248-501/000-024

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

www.wago.com/248-501/000-024

Item no.: 709-177

Marking strips; on reel; 7.5 mm wide; not stretchable; plain; snap-on type; translucent

www.wago.com/709-177

Item no.: 709-178

Marking strips; on reel; 7.5 mm wide; not stretchable; plain; snap-on type; white

www.wago.com/709-178

Item no.: 709-196

Marking strips; for laser printer; translucent

www.wago.com/709-196

Item no.: 709-198

Marking strips; white

www.wago.com/709-198

Item no.: 793-501

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

WAGO Kontakttechnik GmbH & Co. KG

Hansastr. 27

32423 Minden

Phone: +49571 887-0 | Fax: +49571 887-169

Email: info.de@wago.com | Web: www.wago.com

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

www.wago.com/793-501



Item no.: 793-501/000-002

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

www.wago.com/793-501/000-002



Item no.: 793-501/000-005

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

www.wago.com/793-501/000-005



Item no.: 793-501/000-006

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

www.wago.com/793-501/000-006



Item no.: 793-501/000-007

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

www.wago.com/793-501/000-007



Item no.: 793-501/000-012

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

www.wago.com/793-501/000-012

Item no.: 793-501/000-017

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

www.wago.com/793-501/000-017



Item no.: 793-501/000-023

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

www.wago.com/793-501/000-023



Item no.: 793-501/000-024

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

www.wago.com/793-501/000-024

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

www.wago.com/793-5501

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

www.wago.com/793-5501/000-002



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

www.wago.com/793-5501/000-005

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

www.wago.com/793-5501/000-006

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

www.wago.com/793-5501/000-007

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

WAGO Kontakttechnik GmbH & Co. KG

Hansastr. 27









32423 Minden

Phone: +49571 887-0 | Fax: +49571 887-169












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| | | |
|--|--|--|
| | 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 | www.wago.com/793-5501/000-012 |
| | 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; green | www.wago.com/793-5501/000-017 |
|  | 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; light green | www.wago.com/793-5501/000-023 |
|  | 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 | www.wago.com/793-5501/000-024 |
| Jumper | | |
|  | Item no.: 709-110 Wire commoning chain; insulated; 4 connections; 3 x 110 mm; black | www.wago.com/709-110 |
|  | Item no.: 709-111 Wire commoning chain; insulated; 3 connections; 2 x 120 mm; black | www.wago.com/709-111 |
| | Item no.: 709-112 Wire commoning chain; insulated; 3 connections; 2 x 170 mm; black | www.wago.com/709-112 |
| ferrule | | |
|  | Item no.: 216-121 Ferrule; Sleeve for 0.5 mm ² / AWG 22; uninsulated; electro-tin plated | www.wago.com/216-121 |
| | Item no.: 216-122 Ferrule; Sleeve for 0.75 mm ² / AWG 20; uninsulated; electro-tin plated | www.wago.com/216-122 |
| | Item no.: 216-123 Ferrule; Sleeve for 1 mm ² / AWG 18; uninsulated; electro-tin plated | www.wago.com/216-123 |
|  | Item no.: 216-124 Ferrule; Sleeve for 1.5 mm ² / AWG 16; uninsulated; electro-tin plated | www.wago.com/216-124 |
| | Item no.: 216-131 Ferrule; Sleeve for 0.25 mm ² / AWG 24; uninsulated; electro-tin plated | www.wago.com/216-131 |
| | Item no.: 216-132 Ferrule; Sleeve for 0.34 mm ² / AWG 24; uninsulated; electro-tin plated | www.wago.com/216-132 |
|  | Item no.: 216-221 Ferrule; Sleeve for 0.5 mm ² / 20 AWG; insulated; electro-tin plated; white | www.wago.com/216-221 |
| | Item no.: 216-222 Ferrule; Sleeve for 0.75 mm ² / 18 AWG; insulated; electro-tin plated; gray | www.wago.com/216-222 |
|  | Item no.: 216-223 Ferrule; Sleeve for 1 mm ² / AWG 18; insulated; electro-tin plated; red | www.wago.com/216-223 |

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

| | | |
|--|---|--|
|  | <p>Item no.: 216-224 Ferrule; Sleeve for 1.5 mm² / AWG 16; insulated; electro-tin plated; black</p> | www.wago.com/216-224 |
| | <p>Item no.: 216-321 Ferrule; Sleeve for 0.25 mm² / AWG 24; insulated; electro-tin plated; yellow</p> | www.wago.com/216-321 |
| | <p>Item no.: 216-322 Ferrule; Sleeve for 0.34 mm² / 22 AWG; insulated; electro-tin plated; green</p> | www.wago.com/216-322 |
| tools | | |
|  | <p>Item no.: 210-657 Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; short</p> | www.wago.com/210-657 |
| | <p>Item no.: 210-658 Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; angled; short</p> | www.wago.com/210-658 |
|  | <p>Item no.: 210-720 Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft</p> | www.wago.com/210-720 |
| End plate | | |
|  | <p>Item no.: 870-923 End and intermediate plate; 2 mm thick; gray</p> | www.wago.com/870-923 |
|  | <p>Item no.: 870-924 End and intermediate plate; 2 mm thick; orange</p> | www.wago.com/870-924 |
|  | <p>Item no.: 870-928 Separator plate; 2 mm thick; oversized; gray</p> | www.wago.com/870-928 |
|  | <p>Item no.: 870-929 Separator plate; 2 mm thick; oversized; orange</p> | www.wago.com/870-929 |
| Protective Warning Marker | | |
| | <p>Item no.: 280-405 Protective warning marker; with high-voltage symbol, black; for 5 terminal blocks; yellow</p> | www.wago.com/280-405 |
| Insulation stop | | |
|  | <p>Item no.: 280-470 Insulation stop; 0.08 - 0.2 mm² "s" (0.14 mm² "f-st"); 5 pieces/strip; white</p> | www.wago.com/280-470 |
|  | <p>Item no.: 280-471 Insulation stop; 0.25 - 0.5 mm²; 5 pieces/strip; light gray</p> | www.wago.com/280-471 |
|  | <p>Item no.: 280-472 Insulation stop; 0.75 - 1 mm²; 5 pieces/strip</p> | www.wago.com/280-472 |
| assembling | | |
| | <p>Item no.: 209-106 Mounting carrier; for isolated mounting on DIN 35 rails; gray</p> | www.wago.com/209-106 |
|  | <p>Item no.: 249-101 Screwless end stop; 6 mm wide; for WMB markers; gray</p> | www.wago.com/249-101 |

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



Downloads

Documentation

Additional Information

| | | | |
|------------------------|-------------|---------------|----------|
| Technical explanations | Apr 3, 2019 | pdf 2.1 MB | Download |
|------------------------|-------------|---------------|----------|

CAD/CAE-Data

CAD data

| | | |
|----------------------|-----|----------|
| 2D/3D Models 870-917 | URL | Download |
|----------------------|-----|----------|

CAE data

| | | |
|---------------------------|-----|----------|
| EPLAN Data Portal 870-917 | URL | Download |
|---------------------------|-----|----------|

| | | |
|------------------------|-----|----------|
| WSCAD Universe 870-917 | URL | Download |
|------------------------|-----|----------|

Installation Notes

Assembly

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



Mounting on DIN-15 rail:

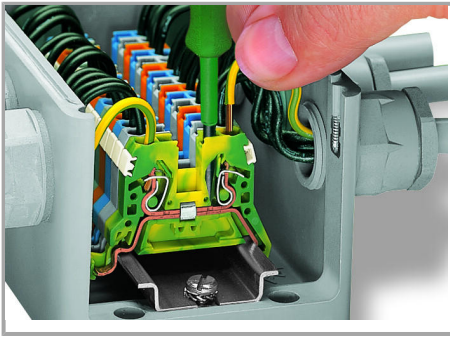
Snap individual terminal blocks onto the DIN-15 rail and slide together.

Removal from DIN-15 rail:

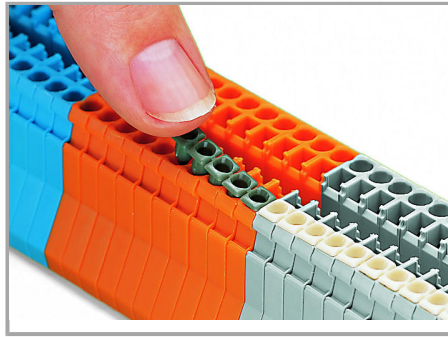
Open assembly by laterally sliding terminal blocks with an operating tool and remove them from the rail.

Inserting a conductor

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



CAGE CLAMP® connection

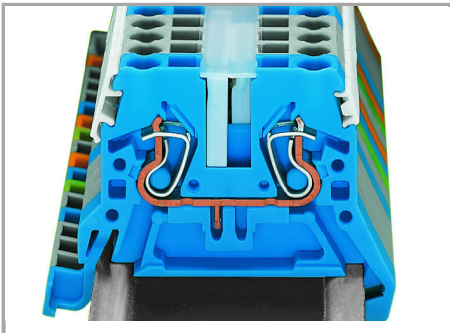


Inserting an insulation stop into conductor entry holes of terminal strip.

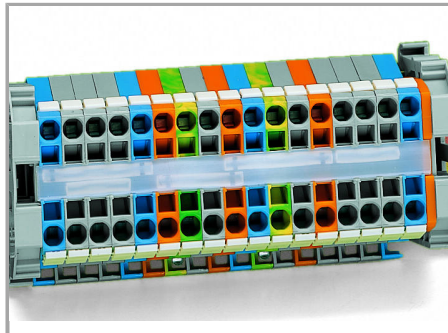
Inserting a conductor (0.08 ... 4 mm² "f-st").

With ferruled conductors, it is necessary to use a terminal block one size smaller than the conductor's nominal cross section.

Marking



WMB markers in Mini-WSB marker slots



Translucent marking strip (709-196) – jumpers below may be visible.

Marking strip, translucent

Mini-WSB markers

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