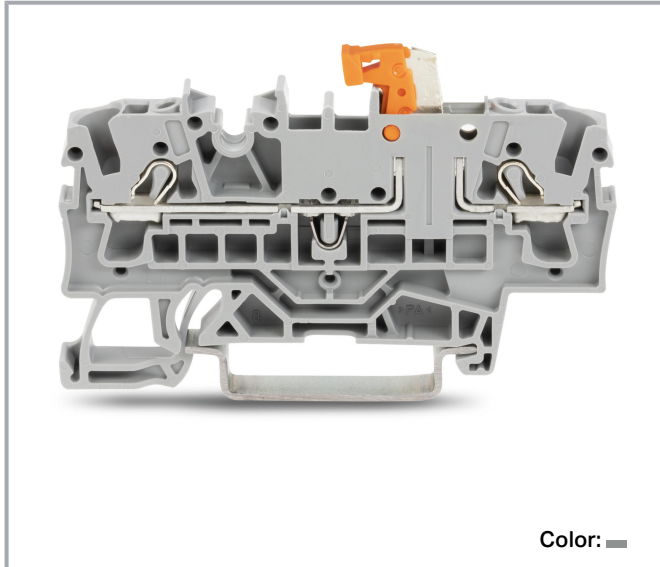


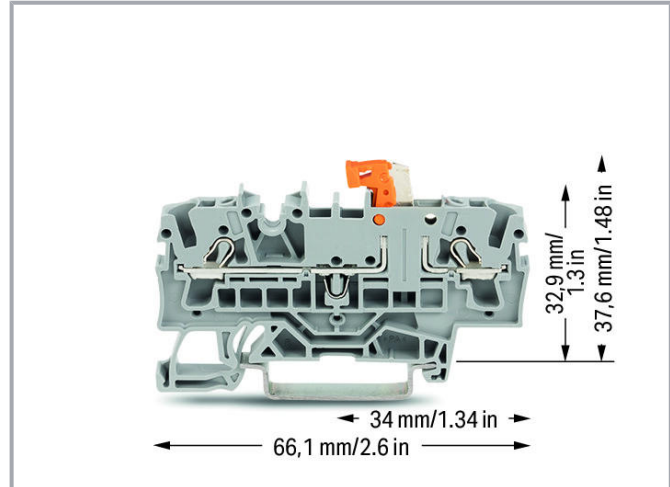
**Data sheet | Item number: 2002-1671**

2-conductor disconnect/test terminal block; with test option; orange disconnect link; for DIN-rail 35 x 15 and 35 x 7.5; 2.5 mm<sup>2</sup>; Push-in CAGE CLAMP®; 2,50 mm<sup>2</sup>; gray

[www.wago.com/2002-1671](http://www.wago.com/2002-1671)



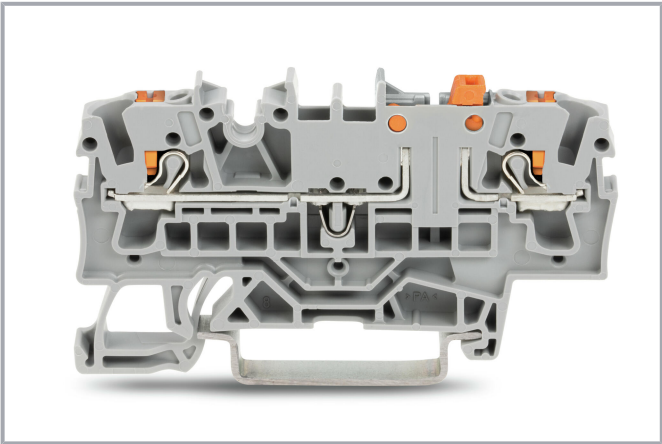
Color: 



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

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Data  
Electrical data

Ratings per IEC/EN

|                             |                                                           |
|-----------------------------|-----------------------------------------------------------|
| Ratings per                 | IEC/EN 60947-7-1                                          |
| Nominal voltage (III/3)     | 400 V                                                     |
| Rated surge voltage (III/3) | 6 kV                                                      |
| Rated current               | 16 A                                                      |
| Legend (ratings)            | (III / 3) ≙ Overvoltage category III / Pollution degree 3 |

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## Ratings per UL

|                                |         |
|--------------------------------|---------|
| Approvals per                  | UL 1059 |
| Rated voltage UL (Use Group B) | 300 V   |
| Rated current UL (Use Group B) | 15 A    |
| Rated voltage UL (Use Group C) | 300 V   |
| Rated current UL (Use Group C) | 15 A    |

## Ratings per CSA

|                                 |              |
|---------------------------------|--------------|
| Approvals per                   | C22.2 No 158 |
| Rated voltage CSA (Use Group B) | 300 V        |
| Rated current CSA (Use Group B) | 15 A         |
| Rated voltage CSA (Use Group C) | 300 V        |
| Rated current CSA (Use Group C) | 15 A         |

## Ex information

|                            |                                                                                |
|----------------------------|--------------------------------------------------------------------------------|
| Ratings per                | ATEX: KIWA 17 ATEX 0030 U / IECEx: KIWA 17.0014U (Ex ec IIC Gc)                |
| Rated voltage EN (Ex e II) | 440 V                                                                          |
| Rated current (Ex e II)    | 17 A                                                                           |
| Ratings (note)             | See Downloads – Documentation – Additional Information: Technical explanations |

## Connection data

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

## Connection 1

|                                      |                                |
|--------------------------------------|--------------------------------|
| Connection technology                | Push-in CAGE CLAMP®            |
| Actuation type                       | Push-in<br>Operating tool      |
| 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 |

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



|                                                            |                                                                                                                                   |
|------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| Fine-stranded conductor                                    | 0.25 ... 4 mm <sup>2</sup> / 22 ... 12 AWG                                                                                        |
| Fine-stranded conductor; with insulated ferrule            | 0.25 ... 2.5 mm <sup>2</sup> / 22 ... 14 AWG                                                                                      |
| Fine-stranded conductor; with ferrule; push-in termination | 1 ... 2.5 mm <sup>2</sup> / 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 inch                                                                                                 |
| Wiring direction                                           | Front-entry wiring                                                                                                                |

## Physical data

|                                   |                      |
|-----------------------------------|----------------------|
| Width                             | 5.2 mm / 0.205 inch  |
| Height                            | 66.1 mm / 2.602 inch |
| Depth from upper edge of DIN-rail | 32.9 mm / 1.295 inch |

## Mechanical data

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

## Material data

|                             |                                                |
|-----------------------------|------------------------------------------------|
| Note on material data       | Information on material data can be found here |
| Color                       | gray                                           |
| Insulation material         | Polyamide (PA66)                               |
| Flammability class per UL94 | V0                                             |
| Fire load                   | 0.151 MJ                                       |
| Weight                      | 7.5 g                                          |

## Commercial data

|                       |               |
|-----------------------|---------------|
| Product Group         | 22 (TOPJOB S) |
| PU (SPU)              | 50 Stück      |
| Packaging type        | box           |
| Country of origin     | CN            |
| GTIN                  | 4045454974794 |
| Customs tariff number | 85365080900   |

## Approvals / Certificates

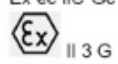
### Ex-Approvals

| Logo | Approval | Additional Approval Text | Certificate name |
|------|----------|--------------------------|------------------|
|------|----------|--------------------------|------------------|

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|                                                                                                              |                                              |             |                                         |
|--------------------------------------------------------------------------------------------------------------|----------------------------------------------|-------------|-----------------------------------------|
|                              | <b>AEx</b><br>Underwriters Laboratories Inc. | UL 60079    | E185892 (AEx eb IIC<br>resp. Ex eb IIC) |
| PTB 0102<br>Ex ec IIC Gc<br> | <b>ATEX</b><br>KIWA Netherlands B.V.         | EN 60079    | KIWA 17ATEX0030<br>U                    |
| <br>Ex nA IIC Gc             | <b>CCCEx</b><br>CQST/CNEx                    | CNCA-C23-01 | 2020312313000180                        |
|                              | <b>IECEx</b><br>KIWA Netherlands B.V.        | EN 60079    | IECEx KIWA 17.0014<br>U (Ex ec IIC Gc)  |

## Country specific Approvals

| Logo                                                                               | Approval                               | Additional Approval Text | Certificate name |
|------------------------------------------------------------------------------------|----------------------------------------|--------------------------|------------------|
|   | <b>CCA</b><br>DEKRA Certification B.V. | EN 60947                 | 71-<br>107687    |
|  | <b>CCA</b><br>DEKRA Certification B.V. | EN 60947                 | NTR NL<br>7730   |
|  | <b>CCA</b><br>DEKRA Certification B.V. | C22.2 No. 158            | 1536069          |

## Ship Approvals

| Logo                                                                               | Approval                                                | Additional Approval Text | Certificate name         |
|------------------------------------------------------------------------------------|---------------------------------------------------------|--------------------------|--------------------------|
|  | <b>ABS</b><br>American Bureau of Shipping               | EN 60947                 | 20-<br>HG1941090-<br>PDA |
|                                                                                    | <b>DNV GL</b><br>Det Norske Veritas, Germanischer Lloyd | -                        | TAE00001V2               |
|                                                                                    | <b>LR</b><br>Lloyds Register                            | EN 60947                 | 91/20112<br>(E9)         |

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## UL-Approvals

| Logo                                                                             | Approval                             | Additional Approval Text | Certificate name |
|----------------------------------------------------------------------------------|--------------------------------------|--------------------------|------------------|
|  | UL<br>Underwriters Laboratories Inc. | UL 1059                  | E45172           |

## Required accessories

## End plate

| End plate                                                                        |                                                                       |                                                                    |
|----------------------------------------------------------------------------------|-----------------------------------------------------------------------|--------------------------------------------------------------------|
|  | Item no.: 2002-1691<br>End and intermediate plate; 1 mm thick; gray   | <a href="http://www.wago.com/2002-1691">www.wago.com/2002-1691</a> |
|                                                                                  | Item no.: 2002-1692<br>End and intermediate plate; 1 mm thick; orange | <a href="http://www.wago.com/2002-1692">www.wago.com/2002-1692</a> |

## Optional accessories

## Ferrule

| Ferrule                                                                           |                                                                                                                                                                                     |                                                                |
|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|
|  | Item no.: 216-241<br>Ferrule; Sleeve for 0.5 mm <sup>2</sup> / 20 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; white | <a href="http://www.wago.com/216-241">www.wago.com/216-241</a> |
|  | Item no.: 216-242<br>Ferrule; Sleeve for 0.75 mm <sup>2</sup> / 18 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; gray | <a href="http://www.wago.com/216-242">www.wago.com/216-242</a> |
|  | Item no.: 216-243<br>Ferrule; Sleeve for 1 mm <sup>2</sup> / AWG 18; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; red     | <a href="http://www.wago.com/216-243">www.wago.com/216-243</a> |
|  | Item no.: 216-244<br>Ferrule; Sleeve for 1.5 mm <sup>2</sup> / AWG 16; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; black | <a href="http://www.wago.com/216-244">www.wago.com/216-244</a> |
|  | Item no.: 216-263<br>Ferrule; Sleeve for 1 mm <sup>2</sup> / AWG 18; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; red     | <a href="http://www.wago.com/216-263">www.wago.com/216-263</a> |
|  | Item no.: 216-246<br>Ferrule; Sleeve for 2.5 mm <sup>2</sup> / AWG 14; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; blue  | <a href="http://www.wago.com/216-246">www.wago.com/216-246</a> |

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

|                                                                                    |                                                                                                                                                                                            |                                                                                  |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|
|     | <b>Item no.: 216-266</b><br>Ferrule; Sleeve for 2.5 mm <sup>2</sup> / AWG 14; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; blue  | <a href="http://www.wago.com/216-266">www.wago.com/216-266</a>                   |
|     | <b>Item no.: 216-264</b><br>Ferrule; Sleeve for 1.5 mm <sup>2</sup> / AWG 16; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; black | <a href="http://www.wago.com/216-264">www.wago.com/216-264</a>                   |
|     | <b>Item no.: 216-262</b><br>Ferrule; Sleeve for 0.75 mm <sup>2</sup> / 18 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; gray | <a href="http://www.wago.com/216-262">www.wago.com/216-262</a>                   |
| <b>Marking accessories</b>                                                         |                                                                                                                                                                                            |                                                                                  |
| Marking strip                                                                      |                                                                                                                                                                                            |                                                                                  |
|    | <b>Item no.: 2009-110</b><br>Marking strips; for Smart Printer; on reel; not stretchable; plain; snap-on type; white                                                                       | <a href="http://www.wago.com/2009-110">www.wago.com/2009-110</a>                 |
| Marker carrier                                                                     |                                                                                                                                                                                            |                                                                                  |
|     | <b>Item no.: 2009-198</b><br>Adaptor; gray                                                                                                                                                 | <a href="http://www.wago.com/2009-198">www.wago.com/2009-198</a>                 |
|    | <b>Item no.: 2002-121</b><br>Adaptor; gray                                                                                                                                                 | <a href="http://www.wago.com/2002-121">www.wago.com/2002-121</a>                 |
|     | <b>Item no.: 2002-161</b><br>Adaptor; gray                                                                                                                                                 | <a href="http://www.wago.com/2002-161">www.wago.com/2002-161</a>                 |
| Marker                                                                             |                                                                                                                                                                                            |                                                                                  |
|  | <b>Item no.: 2009-115/000-002</b><br>WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; yellow                                               | <a href="http://www.wago.com/2009-115/000-002">www.wago.com/2009-115/000-002</a> |
|  | <b>Item no.: 2009-115/000-007</b><br>WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; gray                                                 | <a href="http://www.wago.com/2009-115/000-007">www.wago.com/2009-115/000-007</a> |
|  | <b>Item no.: 2009-115/000-017</b><br>WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; light green                                          | <a href="http://www.wago.com/2009-115/000-017">www.wago.com/2009-115/000-017</a> |
|  | <b>Item no.: 2009-115/000-023</b><br>WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; green                                                | <a href="http://www.wago.com/2009-115/000-023">www.wago.com/2009-115/000-023</a> |
|  | <b>Item no.: 2009-115/000-024</b><br>WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; violet                                               | <a href="http://www.wago.com/2009-115/000-024">www.wago.com/2009-115/000-024</a> |
|                                                                                    | <b>Item no.: 2009-145/000-006</b><br>Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; blue                                            | <a href="http://www.wago.com/2009-145/000-006">www.wago.com/2009-145/000-006</a> |

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



|                                                                                                              |                                                                                                        |
|--------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|
| <b>Item no.: 2009-145</b>                                                                                    | <a href="http://www.wago.com/2009-145">www.wago.com/2009-145</a>                                       |
| Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; white  |                                                                                                        |
| <b>Item no.: 2009-145/000-002</b>                                                                            | <a href="http://www.wago.com/2009-145/000-002">www.wago.com/2009-145/000-002</a>                       |
| Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; yellow |                                                                                                        |
| <b>Item no.: 2009-145/000-007</b>                                                                            | <a href="http://www.wago.com/2009-145/000-007">www.wago.com/2009-145/000-007</a>                       |
| Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; gray   |                                                                                                        |
| <b>Item no.: 2009-145/000-005</b>                                                                            | <a href="http://www.wago.com/2009-145/000-005">www.wago.com/2009-145/000-005</a>                       |
| Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; red    |                                                                                                        |
| <b>Item no.: 2009-145/000-012</b>                                                                            | <a href="http://www.wago.com/2009-145/000-012">www.wago.com/2009-145/000-012</a>                       |
| Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; orange |                                                                                                        |
| <b>Item no.: 2009-145/000-023</b>                                                                            | <a href="http://www.wago.com/2009-145/000-023">www.wago.com/2009-145/000-023</a>                       |
| Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; green  |                                                                                                        |
| <b>Item no.: 2009-145/000-024</b>                                                                            | <a href="http://www.wago.com/2009-145/000-024">www.wago.com/2009-145/000-024</a>                       |
| Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; violet |                                                                                                        |
|                                                                                                              | <b>Item no.: 2009-115</b>                                                                              |
|                                                                                                              | WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; white |
|                                                                                                              | <b>Item no.: 248-501/000-006</b>                                                                       |
|                                                                                                              | Mini-WSB marking card; as card; not stretchable; plain; snap-on type; blue                             |
|                                                                                                              | <b>Item no.: 248-501/000-007</b>                                                                       |
|                                                                                                              | Mini-WSB marking card; as card; not stretchable; plain; snap-on type; gray                             |
|                                                                                                              | <b>Item no.: 248-501/000-002</b>                                                                       |
|                                                                                                              | Mini-WSB marking card; as card; not stretchable; plain; snap-on type; yellow                           |
|                                                                                                              | <b>Item no.: 248-501/000-012</b>                                                                       |
|                                                                                                              | Mini-WSB marking card; as card; not stretchable; plain; snap-on type; orange                           |
|                                                                                                              | <b>Item no.: 248-501</b>                                                                               |
|                                                                                                              | Mini-WSB marking card; as card; not stretchable; plain; snap-on type; white                            |

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

**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](http://www.wago.com/248-501/000-017)**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](http://www.wago.com/248-501/000-005)**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](http://www.wago.com/248-501/000-024)**Item no.: 248-501/000-023**

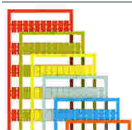
Mini-WSB marking card; as card; not stretchable; plain; snap-on type; green

[www.wago.com/248-501/000-023](http://www.wago.com/248-501/000-023)**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](http://www.wago.com/793-5501/000-007)**Item no.: 793-5501/000-012**

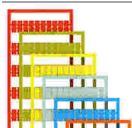
WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; orange

[www.wago.com/793-5501/000-012](http://www.wago.com/793-5501/000-012)**Item no.: 793-5501/000-014**

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

[www.wago.com/793-5501/000-014](http://www.wago.com/793-5501/000-014)**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](http://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](http://www.wago.com/793-5501/000-023)**Item no.: 793-5501/000-024**

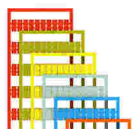
WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; violet

[www.wago.com/793-5501/000-024](http://www.wago.com/793-5501/000-024)**Item no.: 793-501/000-002**

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

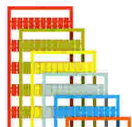
[www.wago.com/793-501/000-002](http://www.wago.com/793-501/000-002)

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



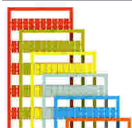
**Item no.: 793-501/000-007**  
WMB marking card; as card; not stretchable; plain; snap-on type; gray

[www.wago.com/793-501/000-007](http://www.wago.com/793-501/000-007)



**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](http://www.wago.com/793-501/000-017)



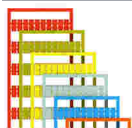
**Item no.: 793-501/000-012**  
WMB marking card; as card; not stretchable; plain; snap-on type; orange

[www.wago.com/793-501/000-012](http://www.wago.com/793-501/000-012)



**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](http://www.wago.com/793-501/000-023)



**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](http://www.wago.com/793-501/000-006)



**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](http://www.wago.com/793-501/000-005)



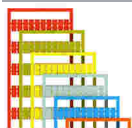
**Item no.: 793-501**  
WMB marking card; as card; not stretchable; plain; snap-on type; white

[www.wago.com/793-501](http://www.wago.com/793-501)



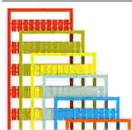
**Item no.: 793-501/000-024**  
WMB marking card; as card; not stretchable; plain; snap-on type; violet

[www.wago.com/793-501/000-024](http://www.wago.com/793-501/000-024)



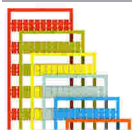
**Item no.: 793-5501/000-005**  
WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; red

[www.wago.com/793-5501/000-005](http://www.wago.com/793-5501/000-005)



**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](http://www.wago.com/793-5501/000-002)



**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](http://www.wago.com/793-5501/000-006)

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

**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](http://www.wago.com/793-5501)**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

[www.wago.com/2009-115/000-012](http://www.wago.com/2009-115/000-012)**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

[www.wago.com/2009-115/000-006](http://www.wago.com/2009-115/000-006)**Item no.: 2009-115/000-005**

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

[www.wago.com/2009-115/000-005](http://www.wago.com/2009-115/000-005)

## Group marker carrier

**Item no.: 2009-193**

Group marker carrier; gray

[www.wago.com/2009-193](http://www.wago.com/2009-193)**Item no.: 2009-192**

Group marker carrier; gray

[www.wago.com/2009-192](http://www.wago.com/2009-192)**Item no.: 2009-191**

Group marker carrier; gray

[www.wago.com/2009-191](http://www.wago.com/2009-191)

## Carrier rail

## Mounting accessories

**Item no.: 210-197**

Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; slotted; similar to EN 60715; silver-colored

[www.wago.com/210-197](http://www.wago.com/210-197)**Item no.: 210-198**

Copper carrier rail; 35 x 15 mm; 2.3 mm thick; 2 m long; unslotted; according to EN 60715; copper-colored

[www.wago.com/210-198](http://www.wago.com/210-198)**Item no.: 210-504**

Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; slotted; galvanized; according to EN 60715; silver-colored

[www.wago.com/210-504](http://www.wago.com/210-504)**Item no.: 210-505**

Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; unslotted; galvanized; according to EN 60715; silver-colored

[www.wago.com/210-505](http://www.wago.com/210-505)**Item no.: 210-506**

Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; unslotted; galvanized; similar to EN 60715; silver-colored

[www.wago.com/210-506](http://www.wago.com/210-506)**Item no.: 210-508**

Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; slotted; galvanized; similar to EN 60715; silver-colored

[www.wago.com/210-508](http://www.wago.com/210-508)**Item no.: 210-113**

Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; unslotted; according to EN 60715; silver-colored

[www.wago.com/210-113](http://www.wago.com/210-113)

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

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**Item no.: 210-118**

Steel carrier rail; 35 x 15 mm; 2.3 mm thick; 2 m long; unslotted; according to EN 60715; silver-colored

[www.wago.com/210-118](http://www.wago.com/210-118)**Item no.: 210-112**

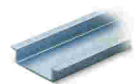
Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; slotted; according to EN 60715; "Hole width 25 mm; silver-colored

[www.wago.com/210-112](http://www.wago.com/210-112)**Item no.: 210-114**

Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; unslotted; similar to EN 60715; silver-colored

[www.wago.com/210-114](http://www.wago.com/210-114)**Item no.: 210-115**

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

[www.wago.com/210-115](http://www.wago.com/210-115)**Item no.: 210-196**

Aluminum carrier rail; 35 x 8.2 mm; 1.6 mm thick; 2 m long; unslotted; similar to EN 60715; silver-colored

[www.wago.com/210-196](http://www.wago.com/210-196)**Testing and measuring**

## Testing accessories

**Item no.: 2009-174**

Test plug adapter; for 4 mm Ø test plugs; for testing TOPJOB®S rail-mounted terminal blocks; gray

[www.wago.com/2009-174](http://www.wago.com/2009-174)**Item no.: 2009-182**

Testing tap; for max. 2.5 mm²; tool-free connection for individual test wires 0.08 - 2.5 mm; gray

[www.wago.com/2009-182](http://www.wago.com/2009-182)**Item no.: 2002-511**

Modular TOPJOB®S connector; modular; for jumper contact slot; 1-pole; 2,50 mm²; gray

[www.wago.com/2002-511](http://www.wago.com/2002-511)**Item no.: 2002-549**

Spacer module; modular; e.g., for bridging commoned terminal blocks; gray

[www.wago.com/2002-549](http://www.wago.com/2002-549)**Item no.: 2002-552**

Modular TOPJOB®S connector; modular; for jumper contact slot; 2-pole; 2,50 mm²; gray

[www.wago.com/2002-552](http://www.wago.com/2002-552)**Item no.: 2002-558**

Modular TOPJOB®S connector; modular; for jumper contact slot; 8-pole; 2,50 mm²; gray

[www.wago.com/2002-558](http://www.wago.com/2002-558)**Item no.: 2002-559**

Modular TOPJOB®S connector; modular; for jumper contact slot; 9-pole; 2,50 mm²; gray

[www.wago.com/2002-559](http://www.wago.com/2002-559)**Item no.: 2002-556**

Modular TOPJOB®S connector; modular; for jumper contact slot; 6-pole; 2,50 mm²; gray

[www.wago.com/2002-556](http://www.wago.com/2002-556)**Item no.: 2002-553**

Modular TOPJOB®S connector; modular; for jumper contact slot; 3-pole; 2,50 mm²; gray

[www.wago.com/2002-553](http://www.wago.com/2002-553)**Item no.: 2002-611**

TOPJOB®S L-type test plug module; modular; 1-pole; 2,50 mm²; gray

[www.wago.com/2002-611](http://www.wago.com/2002-611)**Item no.: 2002-560**

Modular TOPJOB®S connector; modular; for jumper contact slot; 10-pole; 2,50 mm²; gray

[www.wago.com/2002-560](http://www.wago.com/2002-560)

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|                                                                                  |                                                                                                                        |                                                                  |
|----------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------|
|   | <b>Item no.: 2002-554</b><br>Modular TOPJOB®S connector; modular; for jumper contact slot; 4-pole; 2,50 mm²; gray      | <a href="http://www.wago.com/2002-554">www.wago.com/2002-554</a> |
|   | <b>Item no.: 2002-555</b><br>Modular TOPJOB®S connector; modular; for jumper contact slot; 5-pole; 2,50 mm²; gray      | <a href="http://www.wago.com/2002-555">www.wago.com/2002-555</a> |
|   | <b>Item no.: 2002-557</b><br>Modular TOPJOB®S connector; modular; for jumper contact slot; 7-pole; 2,50 mm²; gray      | <a href="http://www.wago.com/2002-557">www.wago.com/2002-557</a> |
|   | <b>Item no.: 2002-649</b><br>TOPJOB®S L-type spacer module; modular; e.g., for bridging commoned terminal blocks; gray | <a href="http://www.wago.com/2002-649">www.wago.com/2002-649</a> |
|  | <b>Item no.: 210-136</b><br>Test plug; 2 mm Ø; with 500 mm cable; red                                                  | <a href="http://www.wago.com/210-136">www.wago.com/210-136</a>   |

## Tool

|                                                                                 |                                                                                                                                 |                                                                |
|---------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|
| Operating tool                                                                  |                                                                                                                                 |                                                                |
|  | <b>Item no.: 210-658</b><br>Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; angled; short; multicoloured | <a href="http://www.wago.com/210-658">www.wago.com/210-658</a> |
|  | <b>Item no.: 210-720</b><br>Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; multicoloured                | <a href="http://www.wago.com/210-720">www.wago.com/210-720</a> |

## Insulation stop

|                 |                                                                                          |                                                                  |
|-----------------|------------------------------------------------------------------------------------------|------------------------------------------------------------------|
| Insulation stop |                                                                                          |                                                                  |
|                 | <b>Item no.: 2002-171</b><br>Insulation stop; 0.25 - 0.5 mm²; 5 pieces/strip; light gray | <a href="http://www.wago.com/2002-171">www.wago.com/2002-171</a> |
|                 | <b>Item no.: 2002-172</b><br>Insulation stop; 0.75 - 1 mm²; 5 pieces/strip; dark gray    | <a href="http://www.wago.com/2002-172">www.wago.com/2002-172</a> |

## Push-in type wire jumper

|                                                                                    |                                                                                                       |                                                                                  |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|
| Jumper                                                                             |                                                                                                       |                                                                                  |
|  | <b>Item no.: 2009-412</b><br>Push-in type wire jumper; insulated; 60 mm long; black                   | <a href="http://www.wago.com/2009-412">www.wago.com/2009-412</a>                 |
|  | <b>Item no.: 2009-414</b><br>Push-in type wire jumper; 1.5 mm²; insulated; 110 mm long; black         | <a href="http://www.wago.com/2009-414">www.wago.com/2009-414</a>                 |
|  | <b>Item no.: 2009-416</b><br>Push-in type wire jumper; 1.5 mm²; insulated; 250 mm long; black         | <a href="http://www.wago.com/2009-416">www.wago.com/2009-416</a>                 |
|  | <b>Item no.: 2009-414/000-005</b><br>Push-in type wire jumper; 1.5 mm²; insulated; 110 mm long; black | <a href="http://www.wago.com/2009-414/000-005">www.wago.com/2009-414/000-005</a> |
|  | <b>Item no.: 2009-414/000-006</b><br>Push-in type wire jumper; insulated; 110 mm long; black          | <a href="http://www.wago.com/2009-414/000-006">www.wago.com/2009-414/000-006</a> |

## End plate

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

## End plate

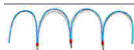
**Item no.: 209-191**

Separator for Ex e/Ex i applications; 3 mm thick; 120 mm wide; orange

[www.wago.com/209-191](http://www.wago.com/209-191)

## Jumpers

## Jumper

**Item no.: 210-123**

Wire commoning chain; insulated; blue

[www.wago.com/210-123](http://www.wago.com/210-123)**Item no.: 2002-402**

Jumper; 2-way; insulated; light gray

[www.wago.com/2002-402](http://www.wago.com/2002-402)**Item no.: 2002-402/000-005**

Jumper; 2-way; insulated; red

[www.wago.com/2002-402/000-005](http://www.wago.com/2002-402/000-005)**Item no.: 2002-400**

Continuous jumper; 2-way; insulated; light gray

[www.wago.com/2002-400](http://www.wago.com/2002-400)**Item no.: 2002-403**

Jumper; 3-way; insulated; light gray

[www.wago.com/2002-403](http://www.wago.com/2002-403)**Item no.: 2002-404/000-005**

Jumper; 4-way; insulated; red

[www.wago.com/2002-404/000-005](http://www.wago.com/2002-404/000-005)**Item no.: 2002-403/000-006**

Jumper; 3-way; insulated; blue

[www.wago.com/2002-403/000-006](http://www.wago.com/2002-403/000-006)**Item no.: 2002-404/000-006**

Jumper; 4-way; insulated; blue

[www.wago.com/2002-404/000-006](http://www.wago.com/2002-404/000-006)**Item no.: 2002-403/000-005**

Jumper; 3-way; insulated; red

[www.wago.com/2002-403/000-005](http://www.wago.com/2002-403/000-005)**Item no.: 2002-405/000-005**

Jumper; 5-way; insulated; red

[www.wago.com/2002-405/000-005](http://www.wago.com/2002-405/000-005)**Item no.: 2002-402/000-006**

Jumper; 2-way; insulated; blue

[www.wago.com/2002-402/000-006](http://www.wago.com/2002-402/000-006)**Item no.: 2002-405/000-006**

Jumper; 5-way; insulated; blue

[www.wago.com/2002-405/000-006](http://www.wago.com/2002-405/000-006)**Item no.: 2002-404**

Jumper; 4-way; insulated; light gray

[www.wago.com/2002-404](http://www.wago.com/2002-404)

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**Item no.: 2002-406/000-006**  
Jumper; 6-way; insulated; blue

[www.wago.com/2002-406/000-006](http://www.wago.com/2002-406/000-006)

**Item no.: 2002-406/000-005**  
Jumper; 6-way; insulated; red

[www.wago.com/2002-406/000-005](http://www.wago.com/2002-406/000-005)



**Item no.: 2002-406/020-000**  
Delta jumper; insulated; light gray

[www.wago.com/2002-406/020-000](http://www.wago.com/2002-406/020-000)

**Item no.: 2002-405**  
Jumper; 5-way; insulated; light gray

[www.wago.com/2002-405](http://www.wago.com/2002-405)

**Item no.: 2002-407/000-005**  
Jumper; 7-way; insulated; red

[www.wago.com/2002-407/000-005](http://www.wago.com/2002-407/000-005)



**Item no.: 2002-408**  
Jumper; 8-way; insulated; light gray

[www.wago.com/2002-408](http://www.wago.com/2002-408)

**Item no.: 2002-408/000-006**  
Jumper; 8-way; insulated; blue

[www.wago.com/2002-408/000-006](http://www.wago.com/2002-408/000-006)



**Item no.: 2002-405/011-000**  
Star point jumper; 3-way; insulated; light gray

[www.wago.com/2002-405/011-000](http://www.wago.com/2002-405/011-000)

**Item no.: 2002-407/000-006**  
Jumper; 7-way; insulated; blue

[www.wago.com/2002-407/000-006](http://www.wago.com/2002-407/000-006)

**Item no.: 2002-408/000-005**  
Jumper; 8-way; insulated; red

[www.wago.com/2002-408/000-005](http://www.wago.com/2002-408/000-005)



**Item no.: 2002-407**  
Jumper; 7-way; insulated; light gray

[www.wago.com/2002-407](http://www.wago.com/2002-407)

**Item no.: 2002-406**  
Jumper; 6-way; insulated; light gray

[www.wago.com/2002-406](http://www.wago.com/2002-406)

**Item no.: 2002-410/000-005**  
Jumper; 10-way; insulated; red

[www.wago.com/2002-410/000-005](http://www.wago.com/2002-410/000-005)

**Item no.: 2002-410/000-006**  
Jumper; 10-way; insulated; blue

[www.wago.com/2002-410/000-006](http://www.wago.com/2002-410/000-006)

**Item no.: 2002-410**

[www.wago.com/2002-410](http://www.wago.com/2002-410)

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

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|                                                                                   |                                                                                      |                                                                                  |
|-----------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|
|                                                                                   | Jumper; 10-way; insulated; light gray                                                |                                                                                  |
|                                                                                   | <b>Item no.: 2002-409/000-006</b><br>Jumper; 9-way; insulated; blue                  | <a href="http://www.wago.com/2002-409/000-006">www.wago.com/2002-409/000-006</a> |
|                                                                                   | <b>Item no.: 2002-409/000-005</b><br>Jumper; 9-way; insulated; red                   | <a href="http://www.wago.com/2002-409/000-005">www.wago.com/2002-409/000-005</a> |
|    | <b>Item no.: 2002-409</b><br>Jumper; 9-way; insulated; light gray                    | <a href="http://www.wago.com/2002-409">www.wago.com/2002-409</a>                 |
|    | <b>Item no.: 2002-423/000-006</b><br>Continuous jumper; from 1 to 3; insulated; blue | <a href="http://www.wago.com/2002-423/000-006">www.wago.com/2002-423/000-006</a> |
|    | <b>Item no.: 2002-423</b><br>Continuous jumper; from 1 to 3; insulated; light gray   | <a href="http://www.wago.com/2002-423">www.wago.com/2002-423</a>                 |
|                                                                                   | <b>Item no.: 2002-433</b><br>Jumper; from 1 to 3; insulated; light gray              | <a href="http://www.wago.com/2002-433">www.wago.com/2002-433</a>                 |
|                                                                                   | <b>Item no.: 2002-434</b><br>Jumper; from 1 to 4; insulated; light gray              | <a href="http://www.wago.com/2002-434">www.wago.com/2002-434</a>                 |
|    | <b>Item no.: 2002-423/000-005</b><br>Continuous jumper; from 1 to 3; insulated; red  | <a href="http://www.wago.com/2002-423/000-005">www.wago.com/2002-423/000-005</a> |
|                                                                                   | <b>Item no.: 2002-435</b><br>Jumper; from 1 to 5; insulated; light gray              | <a href="http://www.wago.com/2002-435">www.wago.com/2002-435</a>                 |
|                                                                                   | <b>Item no.: 2002-436</b><br>Jumper; from 1 to 6; insulated; light gray              | <a href="http://www.wago.com/2002-436">www.wago.com/2002-436</a>                 |
|                                                                                   | <b>Item no.: 2002-437</b><br>Jumper; from 1 to 7; insulated; light gray              | <a href="http://www.wago.com/2002-437">www.wago.com/2002-437</a>                 |
|                                                                                   | <b>Item no.: 2002-438</b><br>Jumper; from 1 to 8; insulated; light gray              | <a href="http://www.wago.com/2002-438">www.wago.com/2002-438</a>                 |
|                                                                                   | <b>Item no.: 2002-439</b><br>Jumper; from 1 to 9; insulated; light gray              | <a href="http://www.wago.com/2002-439">www.wago.com/2002-439</a>                 |
|                                                                                   | <b>Item no.: 2002-440</b><br>Jumper; from 1 to 10; insulated; light gray             | <a href="http://www.wago.com/2002-440">www.wago.com/2002-440</a>                 |
|  | <b>Item no.: 2002-472</b><br>Staggered jumper; 2-way; insulated; light gray          | <a href="http://www.wago.com/2002-472">www.wago.com/2002-472</a>                 |
|  | <b>Item no.: 2002-473</b><br>Staggered jumper; 3-way; insulated; light gray          | <a href="http://www.wago.com/2002-473">www.wago.com/2002-473</a>                 |

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



**Item no.: 2002-475/011-000**  
Staggered jumper; 3-way; insulated; light gray

[www.wago.com/2002-475/011-000](http://www.wago.com/2002-475/011-000)



**Item no.: 2002-475**  
Staggered jumper; 5-way; insulated; light gray

[www.wago.com/2002-475](http://www.wago.com/2002-475)



**Item no.: 2002-476**  
Staggered jumper; 6-way; insulated; light gray

[www.wago.com/2002-476](http://www.wago.com/2002-476)



**Item no.: 2002-474**  
Staggered jumper; 4-way; insulated; light gray

[www.wago.com/2002-474](http://www.wago.com/2002-474)



**Item no.: 2002-477**  
Staggered jumper; 7-way; insulated; light gray

[www.wago.com/2002-477](http://www.wago.com/2002-477)



**Item no.: 2002-473/011-000**  
Staggered jumper; 2-way; from 1 to 3; insulated; light gray

[www.wago.com/2002-473/011-000](http://www.wago.com/2002-473/011-000)



**Item no.: 2002-479**  
Staggered jumper; 9-way; insulated; light gray

[www.wago.com/2002-479](http://www.wago.com/2002-479)

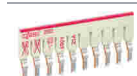
**Item no.: 2002-478**  
Staggered jumper; 8-way; insulated; light gray

[www.wago.com/2002-478](http://www.wago.com/2002-478)



**Item no.: 2002-479/011-000**  
Staggered jumper; insulated; light gray

[www.wago.com/2002-479/011-000](http://www.wago.com/2002-479/011-000)



**Item no.: 2002-480**  
Staggered jumper; 10-way; insulated; light gray

[www.wago.com/2002-480](http://www.wago.com/2002-480)



**Item no.: 2002-477/011-000**  
Staggered jumper; insulated; light gray

[www.wago.com/2002-477/011-000](http://www.wago.com/2002-477/011-000)



**Item no.: 2002-481/011-000**  
Staggered jumper; insulated; light gray

[www.wago.com/2002-481/011-000](http://www.wago.com/2002-481/011-000)



**Item no.: 2002-481**  
Staggered jumper; 11-way; insulated; light gray

[www.wago.com/2002-481](http://www.wago.com/2002-481)



**Item no.: 2002-482**  
Staggered jumper; 12-way; insulated; light gray

[www.wago.com/2002-482](http://www.wago.com/2002-482)



**Item no.: 210-103**  
Wire commoning chain; insulated; black

[www.wago.com/210-103](http://www.wago.com/210-103)

## Mounting

Mounting accessories

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

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**Item no.: 709-156**

Cover; Type 3; suitable for cover carrier, type 3; 1 m long; transparent

[www.wago.com/709-156](http://www.wago.com/709-156)**Item no.: 709-169**

Cover carrier; Type 3; gray

[www.wago.com/709-169](http://www.wago.com/709-169)**Protective warning marker**

Cover

**Item no.: 2002-115**

Protective warning marker; for 5 terminal blocks; with high-voltage symbol, black; yellow

[www.wago.com/2002-115](http://www.wago.com/2002-115)**Downloads****Documentation****Bid Text**

|                          |              |               |          |
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**Additional Information**

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**CAD/CAE-Data****CAD data**

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**CAE data**

|                             |     |          |
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## Environmental Product Compliance

### Compliance Search

Environmental Product Compliance 2002-1671

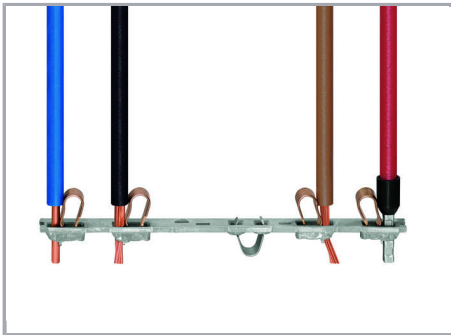
URL

Download

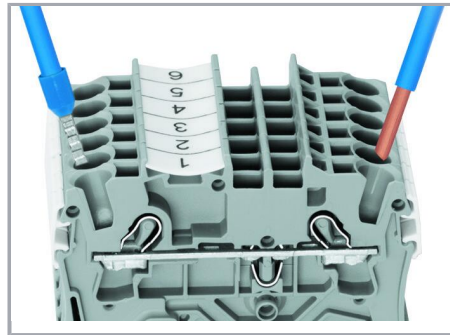
2-conductor disconnect/test terminal block; with test option; orange disconnect link; for DIN-rail 35 x 15 and 35 x 7.5; 2.5 mm<sup>2</sup>; Push-in CAGE CLAMP®; 2,50 mm<sup>2</sup>; gray

## Installation Notes

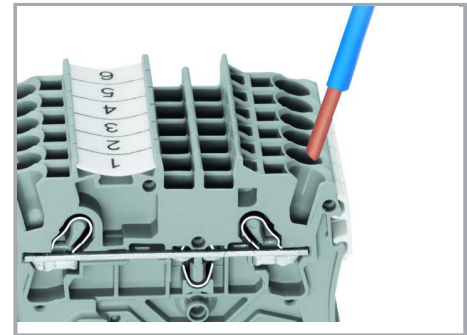
### Conductor termination



All conductor types at a glance



Push-in termination of solid and ferruled conductors



Inserting a conductor via push-in termination:

Solid conductors with cross-sections from either one size above, or up to two sizes below, the rated cross-section can be simply pushed in – no tools needed.

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#### Inserting a conductor via operating tool:

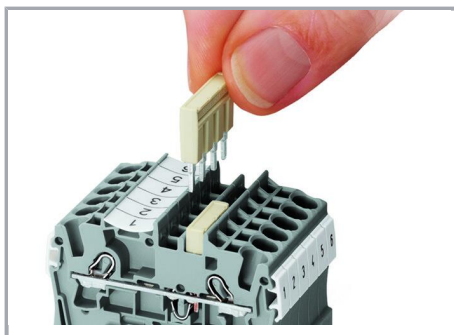
#### Conductor termination – insulation stop

Connecting fine-stranded conductors without ferrules, or small cross-sectional conductors that cannot be pushed in, is performed similarly to the original CAGE CLAMP® – just use an operating tool.

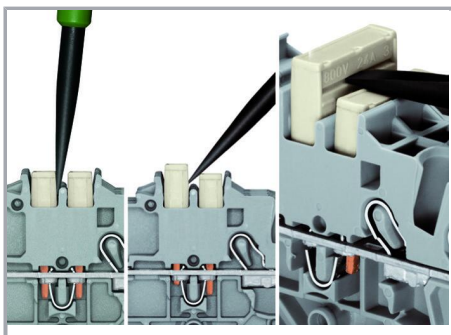
#### Advantage:

To open the clamp, the operating tool is inserted vertically. The conductor entry is less than 15 degrees for easier wiring.

#### Commoning



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



#### Removing a push-in type jumper bar:

Insert the operating tool between the jumper and partition wall of the dual jumper slots, then lift up the jumper.

Place the operating tool in the center of jumpers for up to five contacts (see above), or alternately on both sides for jumpers with more than five contacts.

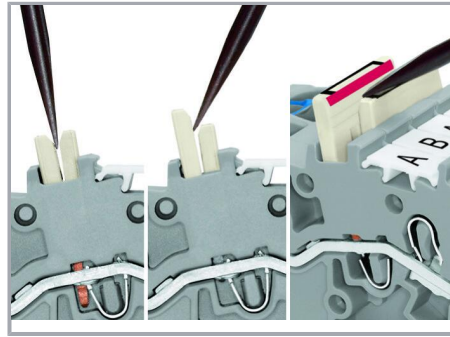
#### Commoning

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



Orient the staggered jumpers' red stripes on the inside.

Insert the staggered jumper and push down until it hits the backstop.



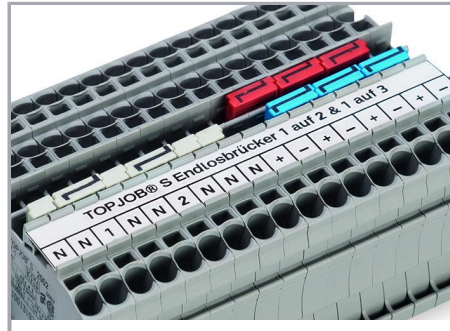
**Removing a staggered jumper:**

Insert the operating tool between the staggered jumpers, then lift up the jumper.

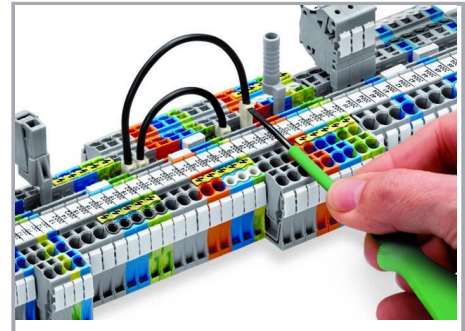
### Commoning



Continuous jumpers (2002 Series) readily connect an endless number of terminal blocks to each other via single jumper slot. Use the second jumper slot for additional commoning or testing.



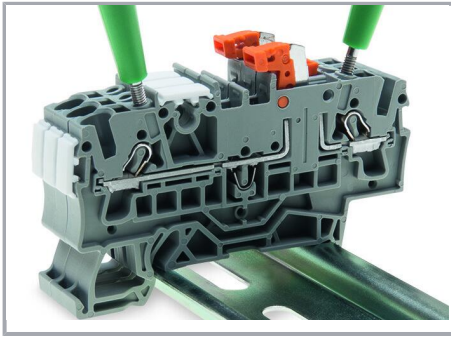
The 1-to-3 adjacent jumper for continuous commoning enables every other terminal block to be commoned. For example, positive and negative potentials can be accommodated alongside each other.



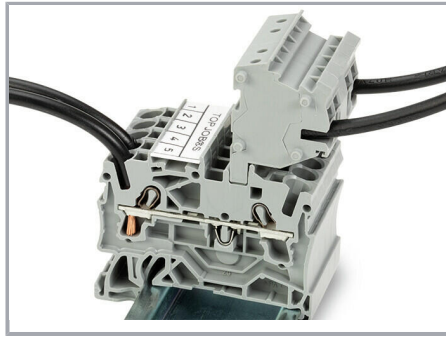
Push down the wire jumper until fully inserted. Lift the jumper with an operating tool for rewiring.

### Testing

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



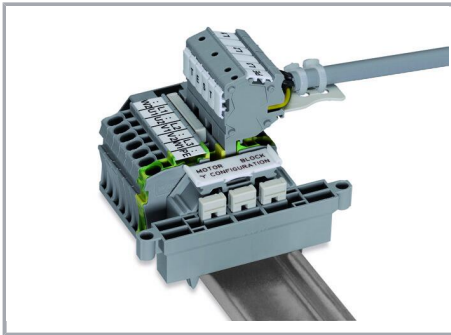
Testing with voltage tester.



The modular TOPJOB® S connectors also connect conductors of the same size as the terminal blocks being used.



TOPJOB® S Connectors with a 2 mm Ø test socket for testing voltage via 2-pole voltage tester



Rail-mount terminal block assembly for electric motor wiring



Test plug adapter (2009-174, CAT I) for 4 mm Ø plugs – compatible with 2000 to 2016 Series



Testing tap (2009-182) for tool-free connection of test cables up to 2.5 mm² (12 AWG) – compatible with 2000 to 2016 Series

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



- One center and two side marker slots for WMB markers or marking strips
- Dual jumper slots in the same location as other 2002 Series terminal blocks
- Commoning options in front of or behind the knife disconnect, depending on the power supply direction



#### Disconnect/test terminal block with pivoting knife disconnect

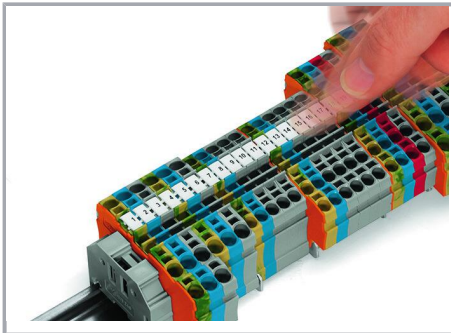
Opening a knife disconnect.



#### Disconnect/test terminal block with pivoting knife disconnect

Closing the knife disconnect.

#### Marking



Snapping WMB inline markers into marker slots.



Pivoting double-deck marker carrier (2002-121) and 2-conductor disconnect /test terminal block (2002-1671)

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

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Pivoting double-deck marker carrier  
(2002-121) and 2-conductor disconnect  
/test terminal block (2002-1671)



Pivoting double-deck marker carrier  
(2002-121) and 2-conductor disconnect  
/test terminal block (2002-1671)

## Product family

### TOPJOB® S

TOPJOB® S: In various industrial applications and modern building installations, WAGO's wide and versatile range of rail-mount terminal blocks provides more than just reliable electrical connections.

[Show all products from the family](#)

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