

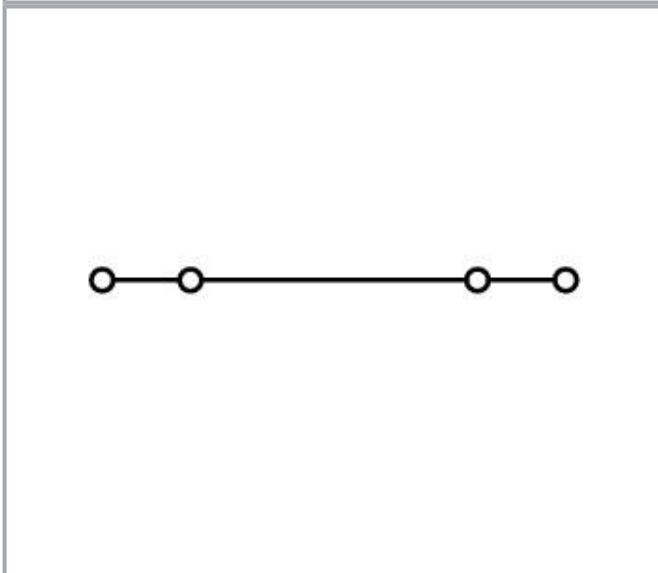
**Data sheet | Item number: 2002-6405**

4-conductor through terminal block; 2.5 mm<sup>2</sup>; suitable for Ex e II applications; side and center marking; for DIN-rail 35 x 15 and 35 x 7.5; Push-in CAGE CLAMP®; 2,50 mm<sup>2</sup>; black

[www.wago.com/2002-6405](http://www.wago.com/2002-6405)



Color: ■



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

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## Data

### Notes

Safety information

An end plate must be applied when changing from a 3-conductor terminal block to a 4-conductor terminal block and vice versa.

## Electrical data

### Ratings per IEC/EN

|   |   |
|---|---|
| Ratings per   | IEC/EN 60947-7-1  |
| Nominal voltage (III/3)                                   | 800 V   |
| Rated impulse voltage (III/3)                             | 8 kV  |
| Rated current   | 24 A  |
| Current at conductor cross-section (max.) mm <sup>2</sup> | 32 A  |
| Legend (ratings)  | (III / 3) ≙ Overvoltage category III / Pollution degree 3 |

### Ratings per UL 1059

|                                |         |
|--------------------------------|---------|
| Approvals per                  | UL 1059 |
| Rated voltage UL (Use Group B) | 600 V   |
| Rated current UL (Use Group B) | 20 A    |
| Rated voltage UL (Use Group C) | 600 V   |
| Rated current UL (Use Group C) | 20 A    |

### Ratings per CSA

|                                 |                 |
|---------------------------------|-----------------|
| Approvals per                   | CSA 22.2 No 158 |
| Rated voltage CSA (Use Group B) | 600 V           |
| Rated current CSA (Use Group B) | 20 A            |
| Rated voltage CSA (Use Group C) | 600 V           |
| Rated current CSA (Use Group C) | 20 A            |

## Ex information

|                            |   |
|----------------------------|---|
| Reference hazardous areas  | See "Downloads – Documentation – Additional Information: Technical Section; Technical Explications" |
| Ratings per                | ATEX: PTB 03 ATEX 1162 U / IECEx: PTB 03.0004U (Ex eb IIC Gb)                                       |
| Rated voltage EN (Ex e II) | 550 V   |
| Rated current (Ex e II)    | 22 A  |

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|                                     |      |
|-------------------------------------|------|
| Rated current (Ex e II) with jumper | 20 A |
|-------------------------------------|------|

### Power loss

|                                  |         |
|----------------------------------|---------|
| Power loss, per pole (potential) | 0.766 W |
|----------------------------------|---------|

|  |      |
|--|------|
| Rated current $I_N$ for specified power loss | 24 A |
|--|------|

|  |                |
|--|----------------|
| Resistance value for specified, current-dependent power loss | 0.001 $\Omega$ |
|--|----------------|

### Connection data

|                   |   |
|-------------------|---|
| Connection points | 4 |
|-------------------|---|

|                            |   |
|----------------------------|---|
| Total number of potentials | 1 |
|----------------------------|---|

|                  |   |
|------------------|---|
| Number of levels | 1 |
|------------------|---|

|                        |   |
|------------------------|---|
| Number of jumper slots | 0 |
|------------------------|---|

### Connection 1

|                       |                     |
|-----------------------|---------------------|
| Connection technology | Push-in CAGE CLAMP® |
|-----------------------|---------------------|

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

|                                 |        |
|---------------------------------|--------|
| Connectable conductor materials | Copper |
|---------------------------------|--------|

|                       |                     |
|-----------------------|---------------------|
| Nominal cross-section | 2.5 mm <sup>2</sup> |
|-----------------------|---------------------|

|                 |  |
|-----------------|--|
| Solid conductor | 0.25 ... 4 mm <sup>2</sup> / 22 ... 12 AWG |
|-----------------|--|

|                                      |  |
|--------------------------------------|--|
| Solid conductor; push-in termination | 0.75 ... 4 mm <sup>2</sup> / 18 ... 12 AWG |
|--------------------------------------|--|

|                         |  |
|-------------------------|--|
| 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 inches |
|--------------|-------------------------------------|

|                  |                            |
|------------------|----------------------------|
| Wiring direction | Front-entry wiring, angled |
|------------------|----------------------------|

### Physical data

|       |                       |
|-------|-----------------------|
| Width | 5.2 mm / 0.205 inches |
|-------|-----------------------|

|        |                        |
|--------|------------------------|
| Height | 52.6 mm / 2.071 inches |
|--------|------------------------|

|                                   |                        |
|-----------------------------------|------------------------|
| Depth from upper-edge of DIN-rail | 38.9 mm / 1.531 inches |
|-----------------------------------|------------------------|

### Mechanical Data

|               |             |
|---------------|-------------|
| Mounting type | DIN-35 rail |
|---------------|-------------|

|               |                     |
|---------------|---------------------|
| Marking level | Center/side marking |
|---------------|---------------------|

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

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## Material Data

Note (material data)

Information on material specifications can be found here

|                             |                  |
|-----------------------------|------------------|
| Color                       | black            |
| Material group              | I                |
| Insulation material         | Polyamide (PA66) |
| Flammability class per UL94 | V0               |
| Fire load                   | 0.116 MJ         |
| Weight                      | 5.6 g            |

## Environmental requirements

|                                  |                 |
|----------------------------------|-----------------|
| Processing temperature           | -35 ... +85 °C  |
| Continuous operating temperature | -60 ... +105 °C |

## Commercial data


|                       |               |
|-----------------------|---------------|
| Product Group         | 22 (TOPJOB S) |
| eCl@ss 10.0           | 27-14-11-20   |
| eCl@ss 9.0            | 27-14-11-20   |
| ETIM 8.0              | EC000897      |
| ETIM 7.0              | EC000897      |
| PU (SPU)              | 100 pcs       |
| Packaging type        | box           |
| Country of origin     | CN            |
| GTIN                  | 4045454600303 |
| Customs tariff number | 85369010000   |

## Environmental Product Compliance





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

## Approvals / Certificates


### General approvals

| Logo   | Approval                        | Additional Approval Text | Certificate name |
|--|---------------------------------|--------------------------|------------------|
|  | CCA<br>DEKRA Certification B.V. | EN 60947                 | 71-120369        |



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

|  |                                      |               |  |
|--|--------------------------------------|---------------|--|
|  | CCA<br>DEKRA Certification B.V.      | EN 60947      | NTR NL 7892                                    |
|  | CCC<br>CNEX                          | GB/T 3836.3   | 2020312313000238<br>(Ex eb IIC Gb, Ex eb I Mb) |
|  | CSA<br>DEKRA Certification B.V.      | C22.2 No. 158 | 1536069  |
|  | UL<br>Underwriters Laboratories Inc. | UL 1059       | E45172   |

## Declarations of conformity and manufacturer's declarations

| Logo   | Approval   | Additional Approval Text | Certificate name |
|--|--|--------------------------|------------------|
|   | EU-Declaration of Conformity<br>WAGO GmbH & Co. KG | -                        | -                |
|  | Railway<br>WAGO GmbH & Co. KG                      | -                        | Railway Ready    |
|  | UK-Declaration of Conformity<br>WAGO GmbH & Co. KG | -                        | -                |

## Approvals for marine applications

| Logo  | Approval                           | Additional Approval Text | Certificate name         |
|---|------------------------------------|--------------------------|--------------------------|
|   | ABS<br>American Bureau of Shipping | EN 60947                 | 20-<br>HG1941090-<br>PDA |
|  | BV<br>Bureau Veritas S.A.          | EN 60947                 | 38586/B0 BV              |

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Det Norske Veritas, Germanischer Lloyd

TAE00001V2

### Approvals for hazardous areas

| Logo   | Approval   | Additional Approval Text | Certificate name                                      |
|--|--|--------------------------|---|
|    | <b>AEx</b><br>Underwriters Laboratories Inc.               | UL 60079                 | E185892 (AEx eb IIC resp. Ex eb IIC)                  |
|    | <b>ATEX</b><br>Physikalisch Technische Bundesanstalt (PTB) | EN 60079                 | PTB 03 ATEX 1162 U (II2G Ex eb IIC Gb, IM2 Ex eb IMb) |
|    | <b>CCC</b><br>CNEX   | GB/T 3836.3              | 2020312313000238 (Ex eb IIC Gb, Ex eb I Mb)           |
|    | <b>EAC</b><br>Brjansker Zertifizierungsstelle              | TP TC 012/2011           | RU C-DE.AM02.B.00127/19 (Ex e IIC Gb U)               |
|  | <b>IECEX</b><br>Physikalisch Technische Bundesanstalt      | IEC 60079                | IECEX PTB 03.0004U (Ex eb IIC Gb or Ex eb I Mb)       |
|  | <b>INMETRO</b><br>TÜV Rheinland do Brasil Ltda.            | IEC 60079                | TÜV 12.1307 U   |

### Required accessories

#### End plate

End plate



**Item no.: 2002-6391**  
End and intermediate plate; 0.8 mm thick; gray

[www.wago.com/2002-6391](http://www.wago.com/2002-6391)

**Item no.: 2002-6392**  
End and intermediate plate; 0.8 mm thick; orange

[www.wago.com/2002-6392](http://www.wago.com/2002-6392)

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

## Optional accessories

### Tool

Operating tool



**Item no.: 210-658**

Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; angled; short; multicoloured

[www.wago.com/210-658](http://www.wago.com/210-658)



**Item no.: 210-720**

Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; multicoloured

[www.wago.com/210-720](http://www.wago.com/210-720)

### Jumpers

Jumper



**Item no.: 210-123**

Wire commoning chain; insulated; blue

[www.wago.com/210-123](http://www.wago.com/210-123)



**Item no.: 210-103**

Wire commoning chain; insulated; black

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

### Mounting

Cover carrier



**Item no.: 709-169**

Cover carrier; Type 3; gray

[www.wago.com/709-169](http://www.wago.com/709-169)

Cover



**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)

### 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)

### Testing and measuring

Testing accessories



**Item no.: 2002-611**

TOPJOB®S L-type test plug module; modular; 1-pole; 2,50 mm<sup>2</sup>; gray

[www.wago.com/2002-611](http://www.wago.com/2002-611)



**Item no.: 2002-649**

TOPJOB®S L-type spacer module; modular; e.g., for bridging commoned terminal blocks; gray

[www.wago.com/2002-649](http://www.wago.com/2002-649)

### Insulation stop

Insulation stop

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

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**Item no.: 2002-171**  
Insulation stop; 0.25 - 0.5 mm<sup>2</sup>; 5 pieces/strip; light gray

[www.wago.com/2002-171](http://www.wago.com/2002-171)



**Item no.: 2002-172**  
Insulation stop; 0.75 - 1 mm<sup>2</sup>; 5 pieces/strip; dark gray

[www.wago.com/2002-172](http://www.wago.com/2002-172)

## 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)



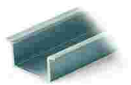
**Item no.: 210-504**  
Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; slotted; galvanized; according to EN 60715; silver-colored

[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)



**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)



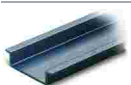
**Item no.: 210-114**  
Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; unslotted; similar to EN 60715; silver-colored

[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)

## Ferrule

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




## Ferrule

|   |  |  |
|---|--|--|
|    | <b>Item no.: 216-241</b><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> |
|    | <b>Item no.: 216-242</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/216-242">www.wago.com/216-242</a> |
|    | <b>Item no.: 216-243</b><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> |
|    | <b>Item no.: 216-244</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/216-244">www.wago.com/216-244</a> |
|    | <b>Item no.: 216-263</b><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> |
|    | <b>Item no.: 216-246</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/216-246">www.wago.com/216-246</a> |
|    | <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> |

## Marking accessories



## 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.: 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> |

**Item no.: 2009-115/000-017**

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

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

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



**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](http://www.wago.com/248-501/000-007)



**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](http://www.wago.com/248-501/000-002)



**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](http://www.wago.com/248-501/000-012)



**Item no.: 248-501**  
Mini-WSB marking card; as card; not stretchable; plain; snap-on type; white

[www.wago.com/248-501](http://www.wago.com/248-501)



**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)



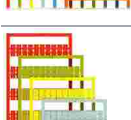
**Item no.: 793-5501/000-007**  
WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; gray

[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**

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



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/793-5501/000-017](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; 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.: 793-5501/000-005**  
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)



**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)

## Downloads

### Documentation

#### Bid Text

|           |             |      |          |
|-----------|-------------|------|----------|
| 2002-6405 | 2019 Apr 18 | docx | Download |
|-----------|-------------|------|----------|

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



|              |             |        |         |          |
|--------------|-------------|--------|---------|----------|
| docx - Datei |             |        | 15.5 kB |          |
| 2002-6405    | 2019 Apr 18 | xml    |         | Download |
| X81 - Datei  |             | 4.4 kB |         |          |

#### Additional Information

|                        |  |        |  |          |
|------------------------|--|--------|--|----------|
| Technical Section      |  | pdf    |  | Download |
| Technical explanations |  | 2.2 MB |  |          |

#### CAD/CAE-Data

##### CAD data

|                        |  |     |  |          |
|------------------------|--|-----|--|----------|
| 2D/3D Models 2002-6405 |  | URL |  | Download |
|------------------------|--|-----|--|----------|

##### CAE data

|                             |  |     |  |          |
|-----------------------------|--|-----|--|----------|
| EPLAN Data Portal 2002-6405 |  | URL |  | Download |
|-----------------------------|--|-----|--|----------|

|                          |  |     |  |          |
|--------------------------|--|-----|--|----------|
| WSCAD Universe 2002-6405 |  | URL |  | Download |
|--------------------------|--|-----|--|----------|

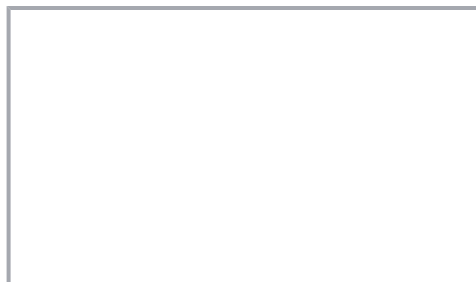
|                        |  |     |  |          |
|------------------------|--|-----|--|----------|
| ZUKEN Portal 2002-6405 |  | URL |  | Download |
|------------------------|--|-----|--|----------|

#### Environmental Product Compliance

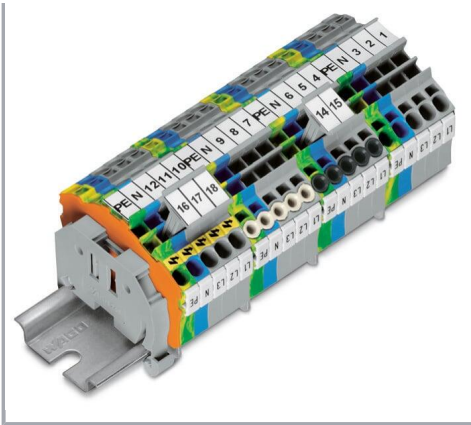
##### Compliance Search

|  |  |     |  |          |
|--|--|-----|--|----------|
| Environmental Product Compliance 2002-6405   |  | URL |  | Download |
| 4-conductor through terminal block; 2.5 mm <sup>2</sup> ; suitable for Ex e II applications; side and center marking; for DIN-rail 35 x 15 and 35 x 7.5; Push-in CAGE CLAMP®; 2,50 mm <sup>2</sup> ; black |  |     |  |          |

#### Installation Notes



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



**3- and 4-conductor terminal blocks (angled type):**

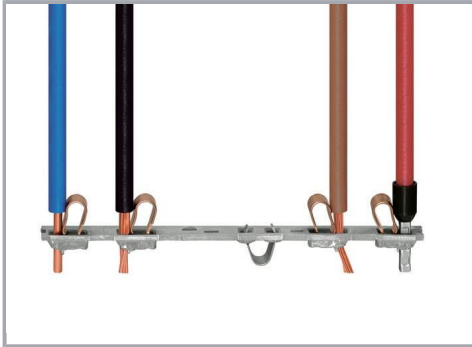
WAGO's TOPJOB® S Rail-Mount Terminal Blocks have a 35-degree conductor entry angle permitting a very small bend radius and an extremely short wiring distance to the cable duct. These are space- and cost-saving solutions for switchgear and control cabinet applications that use the LSC wiring system from Lütze. The design allows cable duct to be placed very close to the terminal blocks, keeping its height relatively low.

**Product features:**

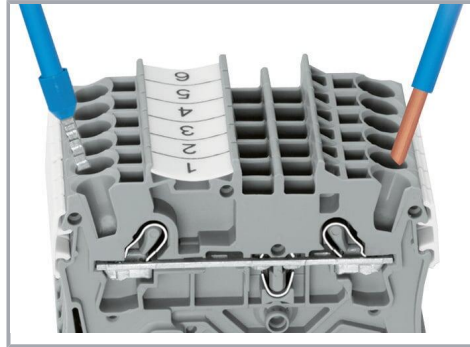
- Push-in CAGE CLAMP® connection for all conductor types, with the additional benefit of solid, stranded and fine-stranded conductors with ferrules being simply pushed in
- Vibration-proof, fast, maintenance-free
- 3-conductor through and ground conductor terminal blocks equipped with a dual jumper slot
- 4-conductor terminal blocks permit potential multiplication – no additional jumpers or terminal blocks needed
- 3- and 4-conductor terminal blocks have the same dimensions
- An end plate must be applied when changing from a 3-conductor terminal block to a 4-conductor terminal block and vice versa.

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

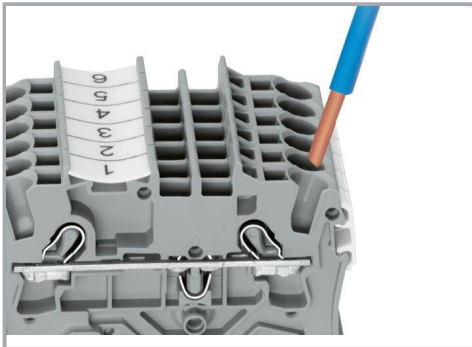
### Conductor termination



All conductor types at a glance

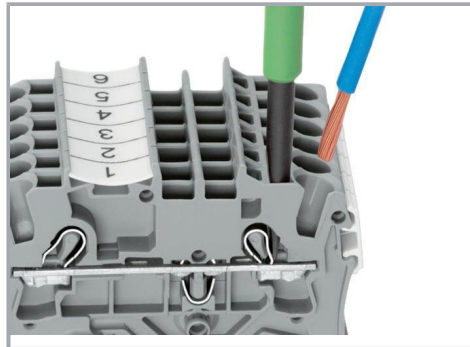


Push-in termination of solid and ferruled conductors



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.



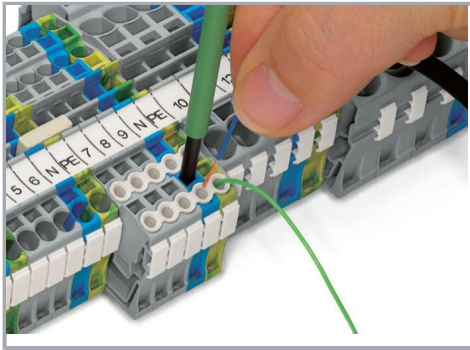
Inserting a conductor via operating tool:

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.

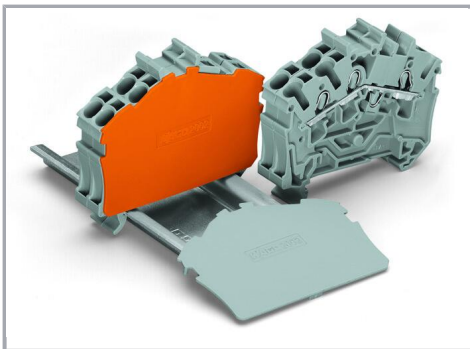
#### Advantage:

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

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



Conductor termination – insulation stop



An end plate must be applied when changing from a 3-conductor terminal block to a 4-conductor terminal block (angled type) and vice versa.

#### Ex application

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





A separator plate is located between the Ex e II and Ex i terminal strip.

End plate

Ex e II terminal blocks

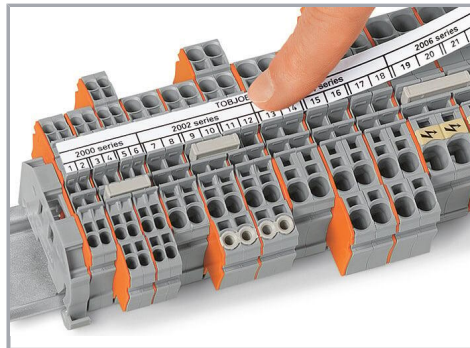
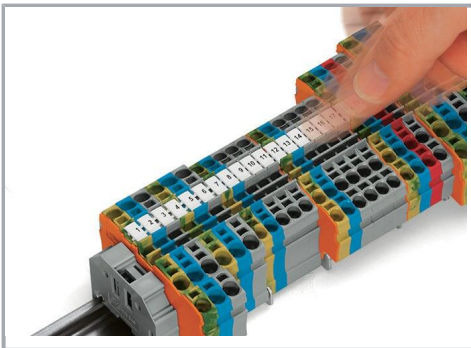
Separator plate for Ex e/Ex i applications

End plate

Ex i terminal blocks

According to EN 50020, a minimum distance of 50 mm must be kept between live parts of Ex e and Ex i circuits. The use of Ex e/Ex i separators is a space-saving solution when Ex e and Ex i terminal blocks are mounted on a common DIN-rail.

### Marking



Snapping WMB Inline markers into marker slots.

### Product family

TOPJOB® S

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



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