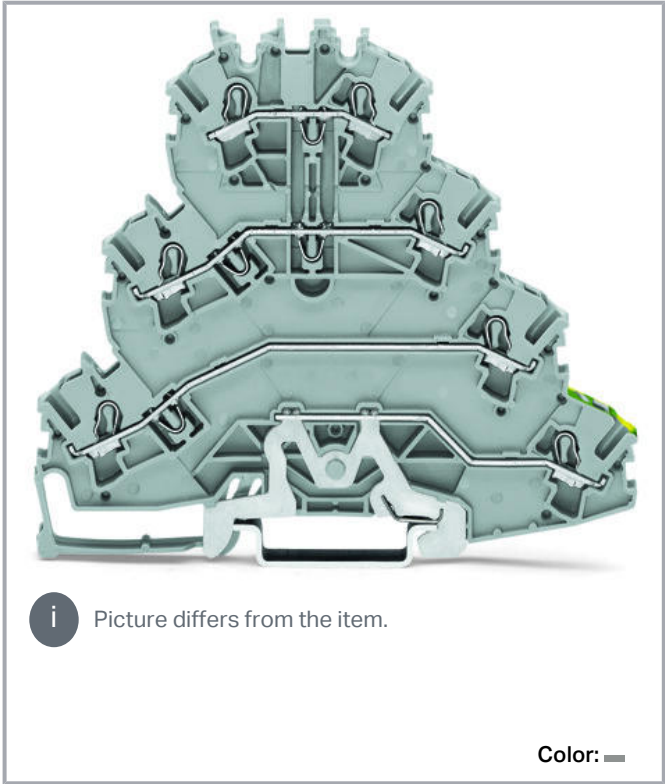


**Data sheet | Item number: 2002-4157**

Quadruple-deck rail-mounted terminal block; Rail-mounted terminal block for electric motor wiring; 2.5 mm²; L1 - L2 - L3 - PE; with marker carrier; for DIN-rail 35 x 15 and 35 x 7.5; Push-in CAGE CLAMP®; 2,50 mm²; gray

[www.wago.com/2002-4157](http://www.wago.com/2002-4157)



**Data**

**Electrical data**

**Ratings per IEC/EN**

|                             |                  |
|-----------------------------|------------------|
| Ratings per                 | IEC/EN 60947-7-1 |
| Nominal voltage (III/3)     | 800 V            |
| Rated surge voltage (III/3) | 8 kV             |

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

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|                  |                                                                     |
|------------------|---------------------------------------------------------------------|
| Rated current    | 20 A                                                                |
| Rated current 2  | 25 A                                                                |
| Legend (ratings) | (III / 3) $\triangle$ Overvoltage category III / Pollution degree 3 |

### Ratings per UL

|                                |       |
|--------------------------------|-------|
| 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

|                                 |       |
|---------------------------------|-------|
| 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

|                                     |                                                                                |
|-------------------------------------|--------------------------------------------------------------------------------|
| 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)             | 19 A                                                                           |
| Rated current (Ex e II) with jumper | 17 A                                                                           |
| Ratings (note)                      | See Downloads – Documentation – Additional Information: Technical explanations |

### Connection data

|                                   |   |
|-----------------------------------|---|
| Total number of connection points | 7 |
| Total number of potentials        | 4 |
| Number of levels                  | 4 |
| Number of jumper slots            | 3 |

### Connection 1

|                                 |                           |
|---------------------------------|---------------------------|
| Connection technology           | Push-in CAGE CLAMP®       |
| Number of connection points     | 2                         |
| Actuation type                  | Push-in<br>Operating tool |
| Connectable conductor materials | Copper                    |

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



|                                                            |                                                                                                                                   |
|------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| 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 inch                                                                                                 |
| Wiring direction                                           | Front-entry wiring                                                                                                                |

## Connection 2

|                               |   |
|-------------------------------|---|
| Number of connection points 2 | 2 |
|-------------------------------|---|

## Connection 3

|                               |   |
|-------------------------------|---|
| Number of connection points 3 | 2 |
|-------------------------------|---|

## Connection 4

|                               |   |
|-------------------------------|---|
| Number of connection points 4 | 1 |
|-------------------------------|---|

## Physical data

|                                   |                       |
|-----------------------------------|-----------------------|
| Width                             | 5.2 mm / 0.205 inch   |
| Height                            | 103.5 mm / 4.075 inch |
| Depth from upper edge of DIN-rail | 96.8 mm / 3.811 inch  |

## Mechanical data

|                        |                   |
|------------------------|-------------------|
| Potentialkennzeichnung | L1 - L2 - L3 - PE |
| Mounting type          | DIN-35 rail       |

## 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                   | 0.436 MJ                                       |
| Weight                      | 26 g                                           |

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

## Commercial data

|                       |               |
|-----------------------|---------------|
| Product Group         | 22 (TOPJOB S) |
| PU (SPU)              | 25 Stück      |
| Packaging type        | box           |
| Country of origin     | CN            |
| GTIN                  | 4050821579441 |
| Customs tariff number | 85369010000   |

## Approvals / Certificates

## Ex-Approvals

| Logo                                                                               | Approval                                            | Additional Approval Text | Certificate name                                                        |
|------------------------------------------------------------------------------------|-----------------------------------------------------|--------------------------|-------------------------------------------------------------------------|
|    | ATEX<br>Physikalisch Technische Bundesanstalt (PTB) | EN 60079                 | PTB 03 ATEX 1162<br>U (II 2 G Ex eb IIC Gb<br>bzw. I M 2 Ex eb I<br>Mb) |
|    | CCCEX<br>CQST/CNEx                                  | CNCA-C23-01              | 2020312313000238                                                        |
|  | EAC<br>Brjansker Zertifizierungsstelle              | TP TC 012/2011           | RU C-DE.AM02.B.<br>00127/19 (Ex e IIC<br>Gb U)                          |
|  | IECEX<br>Physikalisch Technische Bundesanstalt      | IEC 60079                | IECEX PTB 03.0004<br>U (Ex eb IIC Gb or Ex<br>eb I Mb)                  |

## Country specific Approvals

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

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



## 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>BV</b><br>Bureau Veritas S.A.                        | EN 60947                 | 38586/A0 BV              |
|                                                                                   | <b>DNV GL</b><br>Det Norske Veritas, Germanischer Lloyd | -                        | TAE00001V2               |

## UL-Approvals

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

## Required accessories

## End plate

|                                                                                    |                                                                       |                                                                    |
|------------------------------------------------------------------------------------|-----------------------------------------------------------------------|--------------------------------------------------------------------|
| End plate                                                                          |                                                                       |                                                                    |
|  | Item no.: 2002-4191<br>End and intermediate plate; 1 mm thick; gray   | <a href="http://www.wago.com/2002-4191">www.wago.com/2002-4191</a> |
|  | Item no.: 2002-4192<br>End and intermediate plate; 1 mm thick; orange | <a href="http://www.wago.com/2002-4192">www.wago.com/2002-4192</a> |

## Optional accessories

## Mounting

|                      |
|----------------------|
| Mounting accessories |
|----------------------|

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

**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)**Carrier rail**

## Mounting accessories

**Item no.: 210-197**

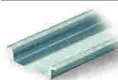
Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; slotted; similar to EN 60715; silver-colored

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

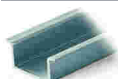
Copper carrier rail; 35 x 15 mm; 2.3 mm thick; 2 m long; unslotted; according to EN 60715; copper-colored

[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**

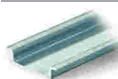
Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; unslotted; galvanized; according to EN 60715; silver-colored

[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**

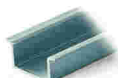
Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; unslotted; according to EN 60715; silver-colored

[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**

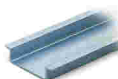
Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; slotted; according to EN 60715; "Hole width 25 mm; silver-colored

[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)**Tool**

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

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## 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> |

## Testing and measuring

## Testing accessories

|                                                                                  |                                                                                                                                             |                                                                  |
|----------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------|
|   | <b>Item no.: 2009-174</b><br>Test plug adapter; for 4 mm Ø test plugs; for testing TOPJOB®S rail-mounted terminal blocks; gray              | <a href="http://www.wago.com/2009-174">www.wago.com/2009-174</a> |
|  | <b>Item no.: 2009-182</b><br>Testing tap; for max. 2.5 mm <sup>2</sup> ; tool-free connection for individual test wires 0.08 - 2.5 mm; gray | <a href="http://www.wago.com/2009-182">www.wago.com/2009-182</a> |
|   | <b>Item no.: 2002-611</b><br>TOPJOB®S L-type test plug module; modular; 1-pole; 2,50 mm <sup>2</sup> ; gray                                 | <a href="http://www.wago.com/2002-611">www.wago.com/2002-611</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> |

## Protective warning marker

## Cover

|  |                                                                                                                        |                                                                  |
|--|------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------|
|  | <b>Item no.: 2002-115</b><br>Protective warning marker; for 5 terminal blocks; with high-voltage symbol, black; yellow | <a href="http://www.wago.com/2002-115">www.wago.com/2002-115</a> |
|--|------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------|

## Ferrule

## 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                                                 | <a href="http://www.wago.com/216-266">www.wago.com/216-266</a> |

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

crimped; acc. to DIN 46228, Part 4/09.90; blue

**Item no.: 216-264**

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

[www.wago.com/216-264](http://www.wago.com/216-264)

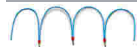
**Item no.: 216-262**

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

[www.wago.com/216-262](http://www.wago.com/216-262)

**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)

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

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|                                                                                   |                                                                                      |                                                                                  |
|-----------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|
|                                                                                   | <b>Item no.: 2002-404</b><br>Jumper; 4-way; insulated; light gray                    | <a href="http://www.wago.com/2002-404">www.wago.com/2002-404</a>                 |
|                                                                                   | <b>Item no.: 2002-406/000-006</b><br>Jumper; 6-way; insulated; blue                  | <a href="http://www.wago.com/2002-406/000-006">www.wago.com/2002-406/000-006</a> |
|                                                                                   | <b>Item no.: 2002-406/000-005</b><br>Jumper; 6-way; insulated; red                   | <a href="http://www.wago.com/2002-406/000-005">www.wago.com/2002-406/000-005</a> |
|   | <b>Item no.: 2002-406/020-000</b><br>Delta jumper; insulated; light gray             | <a href="http://www.wago.com/2002-406/020-000">www.wago.com/2002-406/020-000</a> |
|                                                                                   | <b>Item no.: 2002-405</b><br>Jumper; 5-way; insulated; light gray                    | <a href="http://www.wago.com/2002-405">www.wago.com/2002-405</a>                 |
|                                                                                   | <b>Item no.: 2002-407/000-005</b><br>Jumper; 7-way; insulated; red                   | <a href="http://www.wago.com/2002-407/000-005">www.wago.com/2002-407/000-005</a> |
|    | <b>Item no.: 2002-408</b><br>Jumper; 8-way; insulated; light gray                    | <a href="http://www.wago.com/2002-408">www.wago.com/2002-408</a>                 |
|                                                                                   | <b>Item no.: 2002-408/000-006</b><br>Jumper; 8-way; insulated; blue                  | <a href="http://www.wago.com/2002-408/000-006">www.wago.com/2002-408/000-006</a> |
|  | <b>Item no.: 2002-405/011-000</b><br>Star point jumper; 3-way; insulated; light gray | <a href="http://www.wago.com/2002-405/011-000">www.wago.com/2002-405/011-000</a> |
|                                                                                   | <b>Item no.: 2002-407/000-006</b><br>Jumper; 7-way; insulated; blue                  | <a href="http://www.wago.com/2002-407/000-006">www.wago.com/2002-407/000-006</a> |
|                                                                                   | <b>Item no.: 2002-408/000-005</b><br>Jumper; 8-way; insulated; red                   | <a href="http://www.wago.com/2002-408/000-005">www.wago.com/2002-408/000-005</a> |
|  | <b>Item no.: 2002-407</b><br>Jumper; 7-way; insulated; light gray                    | <a href="http://www.wago.com/2002-407">www.wago.com/2002-407</a>                 |
|                                                                                   | <b>Item no.: 2002-406</b><br>Jumper; 6-way; insulated; light gray                    | <a href="http://www.wago.com/2002-406">www.wago.com/2002-406</a>                 |
|                                                                                   | <b>Item no.: 2002-410/000-005</b><br>Jumper; 10-way; insulated; red                  | <a href="http://www.wago.com/2002-410/000-005">www.wago.com/2002-410/000-005</a> |

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



|                                                                                   |                                                                                      |                                                                                  |
|-----------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|
|                                                                                   | <b>Item no.: 2002-410/000-006</b><br>Jumper; 10-way; insulated; blue                 | <a href="http://www.wago.com/2002-410/000-006">www.wago.com/2002-410/000-006</a> |
|                                                                                   | <b>Item no.: 2002-410</b><br>Jumper; 10-way; insulated; light gray                   | <a href="http://www.wago.com/2002-410">www.wago.com/2002-410</a>                 |
|                                                                                   | <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>                                                            |                                                                                  |

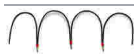
Subject to changes. Please also observe the further product documentation!

|                                                                                    |                                                                                                  |                                                                                  |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|
|     | 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>                 |
|    | <b>Item no.: 2002-475/011-000</b><br>Staggered jumper; 3-way; insulated; light gray              | <a href="http://www.wago.com/2002-475/011-000">www.wago.com/2002-475/011-000</a> |
|     | <b>Item no.: 2002-475</b><br>Staggered jumper; 5-way; insulated; light gray                      | <a href="http://www.wago.com/2002-475">www.wago.com/2002-475</a>                 |
|    | <b>Item no.: 2002-476</b><br>Staggered jumper; 6-way; insulated; light gray                      | <a href="http://www.wago.com/2002-476">www.wago.com/2002-476</a>                 |
|     | <b>Item no.: 2002-474</b><br>Staggered jumper; 4-way; insulated; light gray                      | <a href="http://www.wago.com/2002-474">www.wago.com/2002-474</a>                 |
|    | <b>Item no.: 2002-477</b><br>Staggered jumper; 7-way; insulated; light gray                      | <a href="http://www.wago.com/2002-477">www.wago.com/2002-477</a>                 |
|    | <b>Item no.: 2002-473/011-000</b><br>Staggered jumper; 2-way; from 1 to 3; insulated; light gray | <a href="http://www.wago.com/2002-473/011-000">www.wago.com/2002-473/011-000</a> |
|   | <b>Item no.: 2002-479</b><br>Staggered jumper; 9-way; insulated; light gray                      | <a href="http://www.wago.com/2002-479">www.wago.com/2002-479</a>                 |
|                                                                                    | <b>Item no.: 2002-478</b><br>Staggered jumper; 8-way; insulated; light gray                      | <a href="http://www.wago.com/2002-478">www.wago.com/2002-478</a>                 |
|  | <b>Item no.: 2002-479/011-000</b><br>Staggered jumper; insulated; light gray                     | <a href="http://www.wago.com/2002-479/011-000">www.wago.com/2002-479/011-000</a> |
|  | <b>Item no.: 2002-480</b><br>Staggered jumper; 10-way; insulated; light gray                     | <a href="http://www.wago.com/2002-480">www.wago.com/2002-480</a>                 |
|  | <b>Item no.: 2002-477/011-000</b><br>Staggered jumper; insulated; light gray                     | <a href="http://www.wago.com/2002-477/011-000">www.wago.com/2002-477/011-000</a> |
|                                                                                    | <b>Item no.: 2002-492</b><br>Vertical jumper; insulated; light gray                              | <a href="http://www.wago.com/2002-492">www.wago.com/2002-492</a>                 |
|  | <b>Item no.: 2002-481/011-000</b><br>Staggered jumper; insulated; light gray                     | <a href="http://www.wago.com/2002-481/011-000">www.wago.com/2002-481/011-000</a> |
|  | <b>Item no.: 2002-481</b><br>Staggered jumper; 11-way; insulated; light gray                     | <a href="http://www.wago.com/2002-481">www.wago.com/2002-481</a>                 |

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

**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)**Push-in type wire jumper**

## Jumper

**Item no.: 2009-412**

Push-in type wire jumper; insulated; 60 mm long; black

[www.wago.com/2009-412](http://www.wago.com/2009-412)**Item no.: 2009-414**Push-in type wire jumper; 1.5 mm<sup>2</sup>; insulated; 110 mm long; black[www.wago.com/2009-414](http://www.wago.com/2009-414)**Item no.: 2009-416**Push-in type wire jumper; 1.5 mm<sup>2</sup>; insulated; 250 mm long; black[www.wago.com/2009-416](http://www.wago.com/2009-416)**Item no.: 2009-414/000-005**Push-in type wire jumper; 1.5 mm<sup>2</sup>; insulated; 110 mm long; black[www.wago.com/2009-414/000-005](http://www.wago.com/2009-414/000-005)**Item no.: 2009-414/000-006**

Push-in type wire jumper; insulated; 110 mm long; black

[www.wago.com/2009-414/000-006](http://www.wago.com/2009-414/000-006)**Marking accessories**

## Marking strip

**Item no.: 2009-110**

Marking strips; for Smart Printer; on reel; not stretchable; plain; snap-on type; white

[www.wago.com/2009-110](http://www.wago.com/2009-110)

## Marker

**Item no.: 2009-115/000-002**

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

[www.wago.com/2009-115/000-002](http://www.wago.com/2009-115/000-002)**Item no.: 2009-115/000-007**

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

[www.wago.com/2009-115/000-007](http://www.wago.com/2009-115/000-007)**Item no.: 2009-115/000-017**

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

[www.wago.com/2009-115/000-017](http://www.wago.com/2009-115/000-017)**Item no.: 2009-115/000-023**

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

[www.wago.com/2009-115/000-023](http://www.wago.com/2009-115/000-023)**Item no.: 2009-115/000-024**

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

[www.wago.com/2009-115/000-024](http://www.wago.com/2009-115/000-024)

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

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**Item no.: 2009-145/000-006**

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

[www.wago.com/2009-145](http://www.wago.com/2009-145)

/000-006

**Item no.: 2009-145**

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

[www.wago.com/2009-145](http://www.wago.com/2009-145)**Item no.: 2009-145/000-002**

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

[www.wago.com/2009-145](http://www.wago.com/2009-145)

/000-002

**Item no.: 2009-145/000-007**

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

[www.wago.com/2009-145](http://www.wago.com/2009-145)

/000-007

**Item no.: 2009-145/000-005**

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

[www.wago.com/2009-145](http://www.wago.com/2009-145)

/000-005

**Item no.: 2009-145/000-012**

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

[www.wago.com/2009-145](http://www.wago.com/2009-145)

/000-012

**Item no.: 2009-145/000-023**

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

[www.wago.com/2009-145](http://www.wago.com/2009-145)

/000-023

**Item no.: 2009-145/000-024**

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

[www.wago.com/2009-145](http://www.wago.com/2009-145)

/000-024

**Item no.: 2009-115**

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

[www.wago.com/2009-115](http://www.wago.com/2009-115)**Item no.: 248-501/000-006**

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

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

/000-006

**Item no.: 248-501/000-007**

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

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

/000-012

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**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**

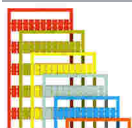
Mini-WSB marking card; as card; not stretchable; plain; snap-on type; red

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

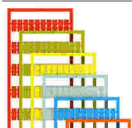
Mini-WSB marking card; as card; not stretchable; plain; snap-on type; violet

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

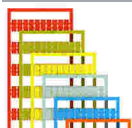
Mini-WSB marking card; as card; not stretchable; plain; snap-on type; green

[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**

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**

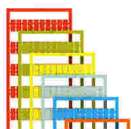
WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; light green

[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)

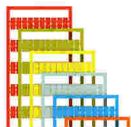
Subject to changes. Please also observe the further product documentation!



**Item no.: 793-501/000-002**

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

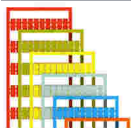
[www.wago.com/793-501/000-002](http://www.wago.com/793-501/000-002)



**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)

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**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)

**Insulation stop**

Insulation stop

**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)

**Downloads****Documentation****Bid Text**

| Item no.  | Date         | File type | Size   | Action   |
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| 2002-4157 | Apr 18, 2019 | xml       | 4.1 kB | Download |

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|           |              |      |         |          |
|-----------|--------------|------|---------|----------|
| 2002-4157 | Apr 18, 2019 | docx | 15.5 kB | Download |
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docx - Datei

**Additional Information**

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

Technical explanations

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

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Environmental Product Compliance

Compliance Search

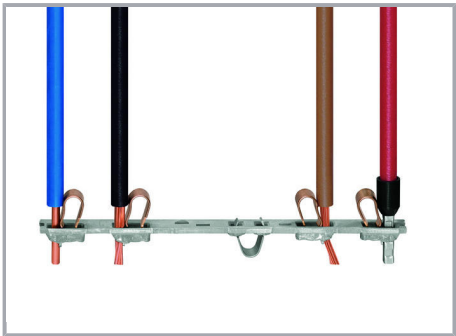
Environmental Product Compliance 2002-4157

[URL](#) [Download](#)

Quadruple-deck rail-mounted terminal block; Rail-mounted terminal block for electric motor wiring; 2.5 mm<sup>2</sup>; L1 - L2 - L3 - PE; with marker carrier; for DIN-rail 35 x 15 and 35 x 7.5; Push-in CAGE CLAMP®; 2,50 mm<sup>2</sup>; gray

Installation Notes

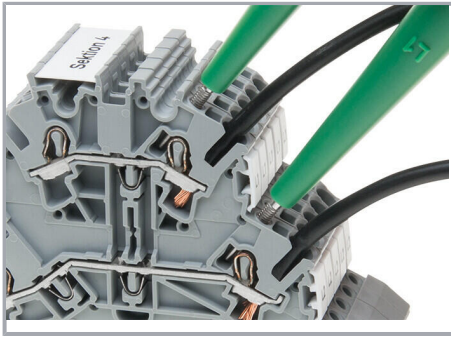
Conductor termination



All conductor types at a glance

Testing

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



Testing with voltage tester.

#### Application

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

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In addition to rail-mount terminal blocks for electric motor wiring, special versions are also available.

- Version **without** ground contact and only two potentials:

These terminal blocks were specifically designed to support additional functions, such as engine brakes or temperature sensors. Sharing a common profile, this terminal block version can be put next to the appropriate electric motor wiring terminal block without using intermediate plates. That makes the rail assembly easier to understand and wire. This also prevents wiring errors as no conductor entry is unused.

- Version **without** ground contact and with three potentials:

Clearly designated clamping units are the primary advantage to this terminal block design. When using devices with protective insulation, for example, there are no open ground clamping units that could create confusion.

## Cover

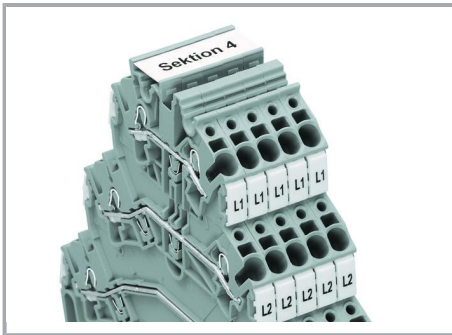
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Creating spacer housings for electric motor wiring rail-mount terminal blocks via

lockout caps (2002-192) for conductor entry and operating slot.

### Marking



Marking clamping points via WMB Multi Marking System.

Group marking via marking strips (Item No. 709-177)

### 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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