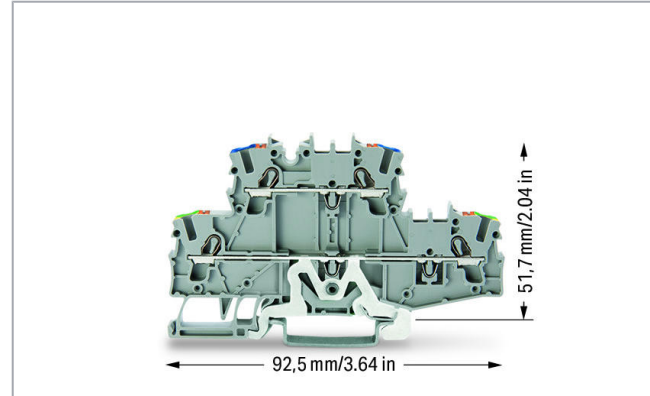
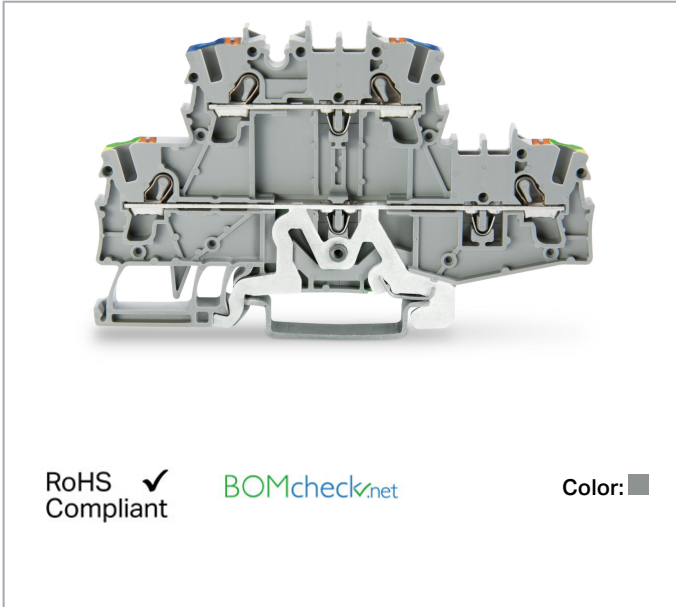


## Data sheet | Item number: 2202-2717

Double-deck terminal block; Ground conductor/through terminal block; with push-button; 2.5 mm<sup>2</sup>; PE/N; suitable for Ex e II applications; without marker carrier; Blue conductor entry upper deck; for DIN-rail 35 x 15 and 35 x 7.5; Push-in CAGE CLAMP®; 2,50 mm<sup>2</sup>; gray



[www.wago.com/2202-2717](http://www.wago.com/2202-2717)



RoHS Compliant

[BOMcheck.net](https://www.bomcheck.net)

Color:

### 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  |
| Rated current               | 24 A  |
| Legend (ratings)            | (III / 3) ≙ Overvoltage category III / Pollution degree 3 |

#### Ratings per UL

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

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

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

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## Ratings per CSA

|                                 |              |
|---------------------------------|--------------|
| Approvals per                   | C22.2 No 158 |
| Rated voltage CSA (Use Group B) | 600 V        |
| Rated current CSA (Use Group B) | 24 A         |
| Rated voltage CSA (Use Group C) | 600 V        |
| Rated current CSA (Use Group C) | 24 A         |

## Ex information

|                                     |   |
|-------------------------------------|---|
| Ratings per                         | ATEX: PTB 18 ATEX 1005 U / IECEx: PTB 18.0012U (Ex eb IIC Gb) |
| Rated voltage EN (Ex e II)          | 550 V   |
| Rated current (Ex e II)             | 17.5 A  |
| Rated current (Ex e II) with jumper | 17 A  |

## Connection data

|  |   |
|--|---|
| Connection technology                                      | Push-in CAGE CLAMP®   |
| Number of connection points (connection type)              | 2   |
| Actuation type   | Push-button   |
| 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            | 1 ... 2.5 mm <sup>2</sup> / 18 ... 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   |
| Number of connection points                                | 2   |
| Total number of connection points                          | 4   |
| Total number of potentials                                 | 2   |
| Number of levels   | 2   |
| Wiring type  | Front-entry wiring  |

## Physical data

|        |                      |
|--------|----------------------|
| Width  | 5.2 mm / 0.205 inch  |
| Height | 92.5 mm / 3.642 inch |

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

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## Mechanical data

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

## Material data


|                     |                  |
|---------------------|------------------|
| Color               | gray             |
| Insulation material | Polyamide (PA66) |
| Weight              | 15.6 g           |

## Commercial data

|                       |               |
|-----------------------|---------------|
| Packaging type        | BOX           |
| Country of origin     | DE            |
| GTIN                  | 4055143844499 |
| Customs tariff number | 85369010000   |

## Approvals / Certificates

### Ex-Approvals

| Logo   | Approval                                     | Additional Approval Text | Certificate name |
|--|--|--------------------------|------------------|
|  | <b>AEx</b><br>Underwriters Laboratories Inc. | UL 60079                 | E185892          |


### Country specific Approvals

| Logo   | Approval                                     | Additional Approval Text | Certificate name |
|--|--|--------------------------|------------------|
|  | <b>CCA</b><br>DEKRA Certification B.V.       | EN 60947                 | NTR NL<br>7841   |
|  | <b>CSA</b><br>DEKRA Certification B.V.       | C22.2                    | 70173745         |
|  | <b>KEMA/KEUR</b><br>DEKRA Certification B.V. | EN 60947                 | 71-<br>114275    |

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





## UL-Approvals

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



## Required accessories

## End plate















|  |  |  |
|--|--|--|
|  | Item no.: 2002-2791<br>End plate; 0.8 mm thick; gray   | <a href="http://www.wago.com/2002-2791">www.wago.com/2002-2791</a> |
|  | Item no.: 2002-2792<br>End plate; 0.8 mm thick; orange | <a href="http://www.wago.com/2002-2792">www.wago.com/2002-2792</a> |

## Compatible products
















## Jumper

|  |   |  |
|--|---|--|
|  | Item no.: 2002-400<br>Continuous jumper; 2-way; insulated; light gray | <a href="http://www.wago.com/2002-400">www.wago.com/2002-400</a>                 |
|  | Item no.: 2002-402<br>Jumper; 2-way; insulated; light gray            | <a href="http://www.wago.com/2002-402">www.wago.com/2002-402</a>                 |
|  | Item no.: 2002-402/000-005<br>Jumper; 2-way; insulated; red           | <a href="http://www.wago.com/2002-402/000-005">www.wago.com/2002-402/000-005</a> |
|  | Item no.: 2002-402/000-006<br>Jumper; 2-way; insulated; blue          | <a href="http://www.wago.com/2002-402/000-006">www.wago.com/2002-402/000-006</a> |
|  | Item no.: 2002-403<br>Jumper; 3-way; insulated; light gray            | <a href="http://www.wago.com/2002-403">www.wago.com/2002-403</a>                 |
|  | Item no.: 2002-403/000-005<br>Jumper; 3-way; insulated; red           | <a href="http://www.wago.com/2002-403/000-005">www.wago.com/2002-403/000-005</a> |



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

|  |  |  |
|--|--|--|
|    | <b>Item no.: 2002-403/000-006</b><br>Jumper; 3-way; insulated; blue                  | <a href="http://www.wago.com/2002-403/000-006">www.wago.com/2002-403/000-006</a> |
|    | <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.: 2002-404/000-005</b><br>Jumper; 4-way; insulated; red                   | <a href="http://www.wago.com/2002-404/000-005">www.wago.com/2002-404/000-005</a> |
|    | <b>Item no.: 2002-404/000-006</b><br>Jumper; 4-way; insulated; blue                  | <a href="http://www.wago.com/2002-404/000-006">www.wago.com/2002-404/000-006</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.: 2002-405/000-005</b><br>Jumper; 5-way; insulated; red                   | <a href="http://www.wago.com/2002-405/000-005">www.wago.com/2002-405/000-005</a> |
|    | <b>Item no.: 2002-405/000-006</b><br>Jumper; 5-way; insulated; blue                  | <a href="http://www.wago.com/2002-405/000-006">www.wago.com/2002-405/000-006</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.: 2002-406</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.: 2002-406/000-005</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.: 2002-406/000-006</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.: 2002-406/020-000</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.: 2002-407</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.: 2002-407/000-005</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> |















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

|  |  |  |
|--|--|--|
|    | <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</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.: 2002-408/000-005</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.: 2002-408/000-006</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.: 2002-409</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.: 2002-409/000-005</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.: 2002-409/000-006</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.: 2002-410</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.: 2002-410/000-005</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> |
|  | <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.: 2002-423</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.: 2002-423/000-005</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.: 2002-423/000-006</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.: 2002-433</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>                 |

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

|  |  |  |
|--|--|--|
|    | <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>                 |
|  | <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.: 2002-474</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.: 2002-475</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.: 2002-475/011-000</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.: 2002-476</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.: 2002-477</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.: 2002-477/011-000</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.: 2002-478</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</b><br>Staggered jumper; 9-way; insulated; light gray                      | <a href="http://www.wago.com/2002-479">www.wago.com/2002-479</a>                 |

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

|  |   |  |
|--|---|--|
|  | <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.: 2002-481</b><br>Staggered jumper; 11-way; insulated; light gray  | <a href="http://www.wago.com/2002-481">www.wago.com/2002-481</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.: 2002-482</b><br>Staggered jumper; 12-way; insulated; light gray  | <a href="http://www.wago.com/2002-482">www.wago.com/2002-482</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.: 2002-492/000-012</b><br>Vertical jumper; insulated; orange   | <a href="http://www.wago.com/2002-492/000-012">www.wago.com/2002-492/000-012</a> |
|    | <b>Item no.: 210-103</b><br>Wire commoning chain; insulated; black  | <a href="http://www.wago.com/210-103">www.wago.com/210-103</a>                   |
|   | <b>Item no.: 210-123</b><br>Wire commoning chain; insulated; blue   | <a href="http://www.wago.com/210-123">www.wago.com/210-123</a>                   |
| <b>Push-In type wire jumper</b>  |   |  |
|  | <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 mm <sup>2</sup> ; insulated; 110 mm long; black                                  | <a href="http://www.wago.com/2009-414">www.wago.com/2009-414</a>                 |
|  | <b>Item no.: 2009-414/000-005</b><br>Push-in type wire jumper; 1.5 mm <sup>2</sup> ; 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> |
|  | <b>Item no.: 2009-416</b><br>Push-in type wire jumper; 1.5 mm <sup>2</sup> ; insulated; 250 mm long; black                                  | <a href="http://www.wago.com/2009-416">www.wago.com/2009-416</a>                 |
| <b>check</b>   |   |  |
|   | <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>                 |



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





## Carrier rail

|  |  |  |
|--|--|--|
|    | <b>Item no.: 210-112</b><br>Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; slotted; according to EN 60715; "Hole width 25 mm; <a href="http://www.wago.com/210-112">www.wago.com/210-112</a><br>silver-colored |  |
|    | <b>Item no.: 210-113</b><br>Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; unslotted; according to EN 60715; silver-colored  | <a href="http://www.wago.com/210-113">www.wago.com/210-113</a> |
|    | <b>Item no.: 210-114</b><br>Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; unslotted; similar to EN 60715; silver-colored   | <a href="http://www.wago.com/210-114">www.wago.com/210-114</a> |
|    | <b>Item no.: 210-115</b><br>Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; slotted; according to EN 60715; "Hole width 18 mm; <a href="http://www.wago.com/210-115">www.wago.com/210-115</a><br>silver-colored |  |
|    | <b>Item no.: 210-118</b><br>Steel carrier rail; 35 x 15 mm; 2.3 mm thick; 2 m long; unslotted; according to EN 60715; silver-colored   | <a href="http://www.wago.com/210-118">www.wago.com/210-118</a> |
|    | <b>Item no.: 210-196</b><br>Aluminum carrier rail; 35 x 8.2 mm; 1.6 mm thick; 2 m long; unslotted; similar to EN 60715; silver-colored   | <a href="http://www.wago.com/210-196">www.wago.com/210-196</a> |
|    | <b>Item no.: 210-197</b><br>Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; slotted; similar to EN 60715; silver-colored   | <a href="http://www.wago.com/210-197">www.wago.com/210-197</a> |
|    | <b>Item no.: 210-198</b><br>Copper carrier rail; 35 x 15 mm; 2.3 mm thick; 2 m long; unslotted; according to EN 60715; copper-colored  | <a href="http://www.wago.com/210-198">www.wago.com/210-198</a> |
|  | <b>Item no.: 210-504</b><br>Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; slotted; galvanized; according to EN 60715; silver-colored  | <a href="http://www.wago.com/210-504">www.wago.com/210-504</a> |
|  | <b>Item no.: 210-505</b><br>Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; unslotted; galvanized; according to EN 60715; silver-colored  | <a href="http://www.wago.com/210-505">www.wago.com/210-505</a> |
|  | <b>Item no.: 210-506</b><br>Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; unslotted; galvanized; similar to EN 60715; silver-colored   | <a href="http://www.wago.com/210-506">www.wago.com/210-506</a> |
|  | <b>Item no.: 210-508</b><br>Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; slotted; galvanized; similar to EN 60715; silver-colored   | <a href="http://www.wago.com/210-508">www.wago.com/210-508</a> |

## Insulation stop










|  |   |  |
|--|---|--|
|  | <b>Item no.: 2002-171</b><br>Insulation stop; 0.25 - 0.5 mm <sup>2</sup> ; 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 mm <sup>2</sup> ; 5 pieces/strip; dark gray    | <a href="http://www.wago.com/2002-172">www.wago.com/2002-172</a> |

## tools







|  |   |  |
|--|---|--|
|  | <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> |

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.: 216-246</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.: 216-262</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>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.: 216-264</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.: 216-266</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> |
















## Marking accessories

|  |  |  |
|--|--|--|
|  | <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>                 |
|  | <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>                 |
|  | <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">www.wago.com/2009-115</a>                 |
|  | <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.: 2009-115/000-005</b><br>WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; red    | <a href="http://www.wago.com/2009-115/000-005">www.wago.com/2009-115/000-005</a> |

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

|  |   |  |
|--|---|--|
|   | <b>Item no.: 2009-115/000-006</b><br>WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; blue        | <a href="http://www.wago.com/2009-115/000-006">www.wago.com/2009-115/000-006</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.: 2009-115/000-012</b><br>WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; orange      | <a href="http://www.wago.com/2009-115/000-012">www.wago.com/2009-115/000-012</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</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">www.wago.com/2009-145</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.: 2009-145/000-005</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.: 2009-145/000-006</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.: 2009-145/000-007</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.: 2009-145/000-012</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> |

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

|  |  |  |
|--|--|--|
|    | <b>Item no.: 2009-191</b><br>Group marker carrier  | <a href="http://www.wago.com/2009-191">www.wago.com/2009-191</a>               |
|    | <b>Item no.: 2009-192</b><br>Group marker carrier  | <a href="http://www.wago.com/2009-192">www.wago.com/2009-192</a>               |
|    | <b>Item no.: 2009-193</b><br>Group marker carrier  | <a href="http://www.wago.com/2009-193">www.wago.com/2009-193</a>               |
|    | <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.: 248-501</b><br>Miniature WSB Quick marking system; plain; Marker width 5 mm; 10 strips with 10 markers per card | <a href="http://www.wago.com/248-501">www.wago.com/248-501</a>                 |
|    | <b>Item no.: 248-501/000-002</b><br>Mini-WSB marking card; as card; not stretchable; plain; snap-on type; yellow             | <a href="http://www.wago.com/248-501/000-002">www.wago.com/248-501/000-002</a> |
|    | <b>Item no.: 248-501/000-005</b><br>Mini-WSB marking card; as card; not stretchable; plain; snap-on type; red                | <a href="http://www.wago.com/248-501/000-005">www.wago.com/248-501/000-005</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> |
|   | <b>Item no.: 248-501/000-007</b><br>Mini-WSB marking card; as card; not stretchable; plain; snap-on type; gray               | <a href="http://www.wago.com/248-501/000-007">www.wago.com/248-501/000-007</a> |
|  | <b>Item no.: 248-501/000-012</b><br>Mini-WSB marking card; as card; not stretchable; plain; snap-on type; orange             | <a href="http://www.wago.com/248-501/000-012">www.wago.com/248-501/000-012</a> |
|  | <b>Item no.: 248-501/000-017</b><br>Mini-WSB marking card; as card; not stretchable; plain; snap-on type; light green        | <a href="http://www.wago.com/248-501/000-017">www.wago.com/248-501/000-017</a> |
|  | <b>Item no.: 248-501/000-023</b><br>Mini-WSB marking card; as card; not stretchable; plain; snap-on type; green              | <a href="http://www.wago.com/248-501/000-023">www.wago.com/248-501/000-023</a> |
|  | <b>Item no.: 248-501/000-024</b><br>Mini-WSB marking card; as card; not stretchable; plain; snap-on type; violet             | <a href="http://www.wago.com/248-501/000-024">www.wago.com/248-501/000-024</a> |
|  | <b>Item no.: 793-501</b><br>WMB marking card; as card; not stretchable; plain; snap-on type; white                           | <a href="http://www.wago.com/793-501">www.wago.com/793-501</a>                 |
|  | <b>Item no.: 793-501/000-002</b><br>WMB marking card; as card; not stretchable; plain; snap-on type; yellow                  | <a href="http://www.wago.com/793-501/000-002">www.wago.com/793-501/000-002</a> |

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



**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.: 793-501/000-006**  
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.: 793-501/000-007**  
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.: 793-501/000-012**  
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.: 793-501/000-017**  
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.: 793-501/000-023**  
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.: 793-501/000-024**  
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**  
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.: 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.: 793-5501/000-005**  
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.: 793-5501/000-006**  
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.: 793-5501/000-007**  
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**

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; 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)

## Downloads

### Documentation

#### Bid Text

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#### Additional Information

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| Technical explanations | 3. 4. 2019 | pdf<br>2.2 MB | Download |
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## CAD/CAE-Data

### CAD data

|                        |     |          |
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### CAE data

|                        |     |          |
|------------------------|-----|----------|
| ZUKEN Portal 2202-2717 | URL | Download |
|------------------------|-----|----------|

## Environmental Product Compliance

### Compliance Search

Environmental Product Compliance 2202-2717

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

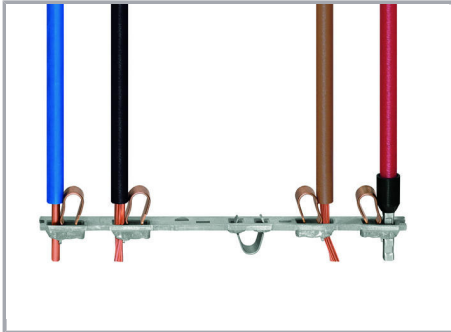
WAGO Kontakttechnik GmbH & Co. KG  
 Hansastr. 27  
 32423 Minden  
 Phone: +49571 887-0 | Fax: +49571 887-169  
 Email: [info.de@wago.com](mailto:info.de@wago.com) | Web: [www.wago.com](http://www.wago.com)

Do you have any questions about our products?  
 We are always happy to take your call at +49 (571) 887-44222.

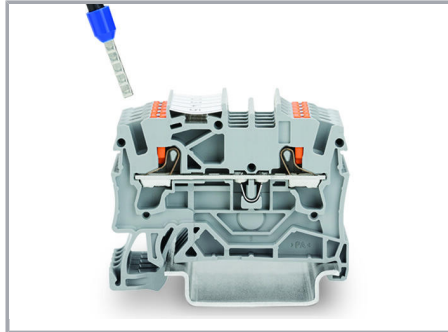
Double-deck terminal block; Ground conductor/through terminal block; with push-button; 2.5 mm<sup>2</sup>; PE/N; suitable for Ex e II applications; without marker carrier; Blue conductor entry upper deck; for DIN-rail 35 x 15 and 35 x 7.5; Push-in CAGE CLAMP®; 2,50 mm<sup>2</sup>; gray

## Installation Notes

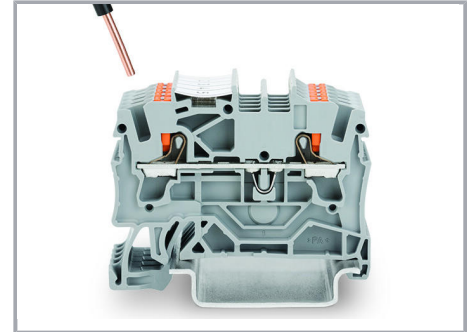
### Conductor termination



All conductor types at a glance



Push-in termination of solid and ferruled conductors



Push-in termination of solid and ferruled conductors



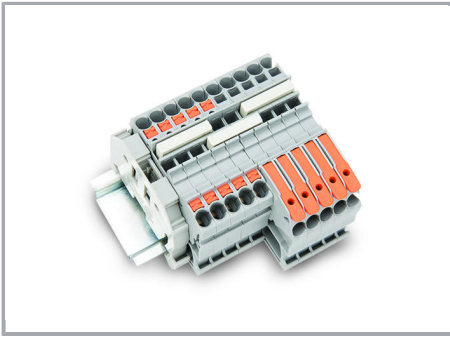
Insert fine-stranded conductors via operating tool.



Removing all conductors via operating tool.

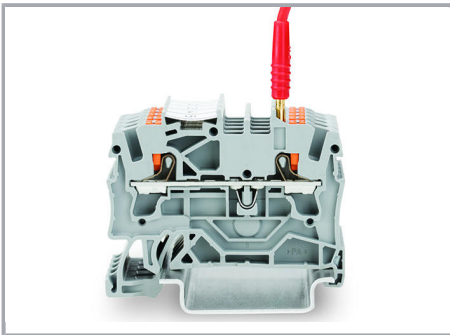
### Commoning

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



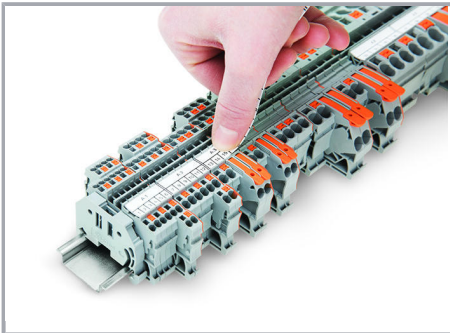
Insert a push-in type jumper bar and push down until it hits the backstop.

### Testing

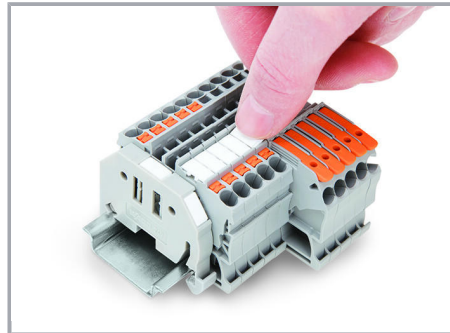


Testing with a 2 mm Ø test plug (max. 42 V).

### Marking



Snapping a marking strip into a marker slot.



Snapping a marking strip into the marker slot.

## 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](#)

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





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

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

Do you have any questions about our products?  
We are always happy to take your call at +49 (571) 887-44222.