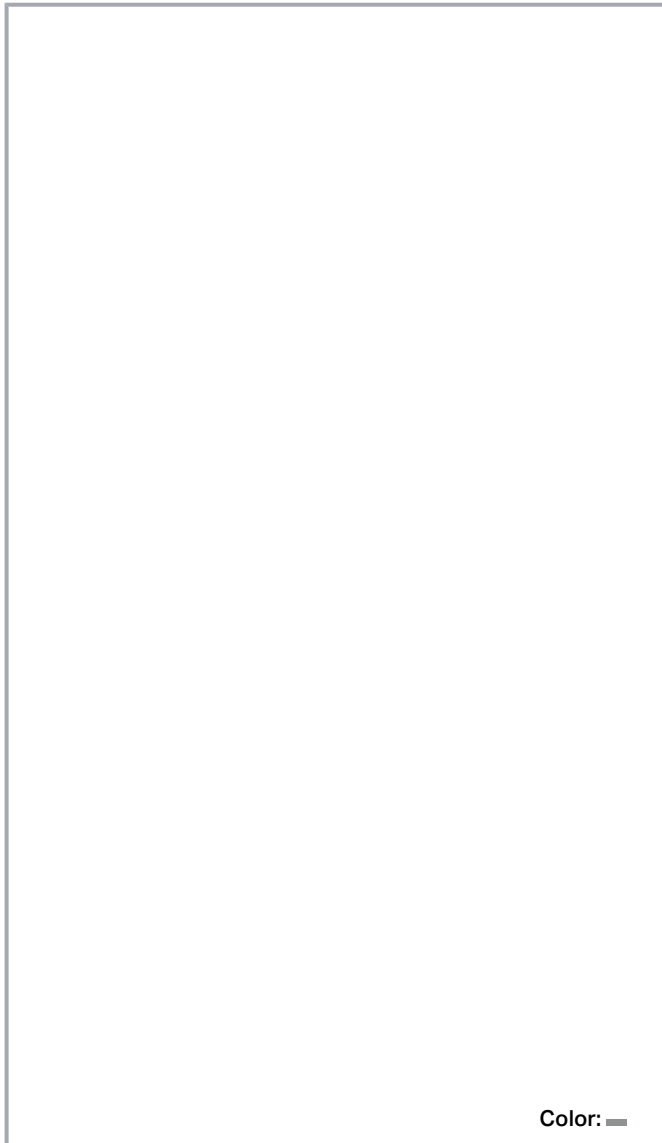


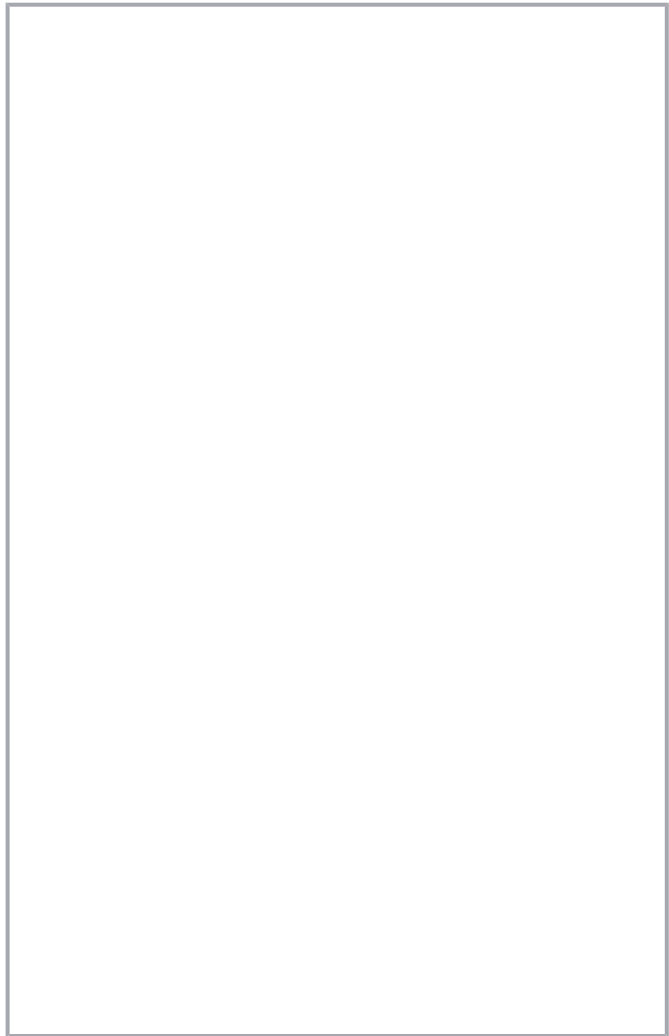
## Data sheet | Item number: 2002-3208

Triple-deck terminal block; 6-conductor through terminal block; L; without marker carrier; suitable for Ex e II applications; internal commoning; conductor entry with violet marking; for DIN-rail 35 x 15 and 35 x 7.5; 2.5 mm<sup>2</sup>; Push-in CAGE CLAMP®; 2,50 mm<sup>2</sup>; gray

[www.wago.com/2002-3208](http://www.wago.com/2002-3208)



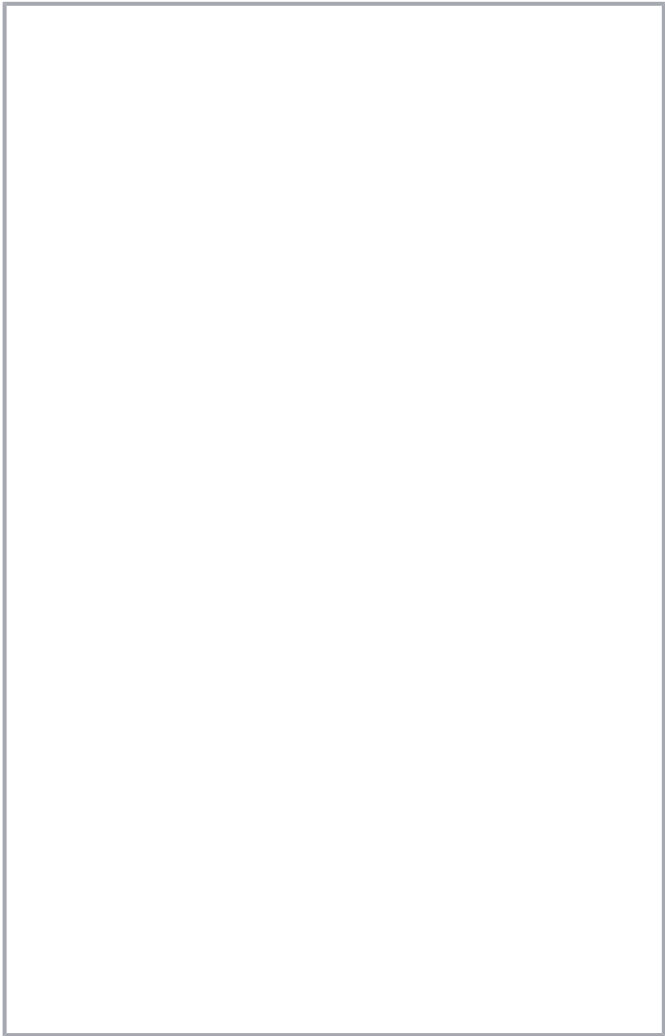
Color: —



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

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Data  
Electrical data

Ratings per IEC/EN

| Ratings per                 | IEC/EN 60947-7-1                                          |
|-----------------------------|-----------------------------------------------------------|
| Nominal voltage (III/3)     | 500 V                                                     |
| Rated surge voltage (III/3) | 6 kV                                                      |
| Rated current               | 24 A                                                      |
| Rated current 2             | 28 A                                                      |
| Legend (ratings)            | (III / 3) ≙ Overvoltage category III / Pollution degree 3 |

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## Ratings per UL

|                                |         |
|--------------------------------|---------|
| Approvals per                  | UL 1059 |
| Rated voltage UL (Use Group B) | 300 V   |
| Rated current UL (Use Group B) | 20 A    |
| Rated voltage UL (Use Group C) | 300 V   |
| Rated current UL (Use Group C) | 20 A    |
| Rated voltage UL (Use Group D) | 600 V   |
| Rated current UL (Use Group D) | 5 A     |

## Ratings per CSA

|                                 |              |
|---------------------------------|--------------|
| Approvals per                   | C22.2 No 158 |
| Rated voltage CSA (Use Group B) | 600 V        |
| Rated current CSA (Use Group B) | 20 A         |
| Rated voltage CSA (Use Group C) | 600 V        |
| Rated current CSA (Use Group C) | 20 A         |

## Ex information

|                                     |                                                                                |
|-------------------------------------|--------------------------------------------------------------------------------|
| Ratings per                         | ATEX: PTB 03 ATEX 1162 U / IECEx: PTB 03.0004U (Ex eb IIC Gb)                  |
| Rated voltage EN (Ex e II)          | 440 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 | 6 |
| Total number of potentials        | 1 |
| Number of levels                  | 3 |
| Number of jumper slots            | 5 |

## Connection 1

|                                 |                           |
|---------------------------------|---------------------------|
| Connection technology           | Push-in CAGE CLAMP®       |
| Actuation type                  | Push-in<br>Operating tool |
| Connectable conductor materials | Copper                    |
| Nominal cross-section           | 2.5 mm²                   |

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



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

## Physical data

|                                   |                      |
|-----------------------------------|----------------------|
| Width                             | 5.2 mm / 0.205 inch  |
| Height                            | 93.3 mm / 3.673 inch |
| Depth from upper edge of DIN-rail | 69.5 mm / 2.736 inch |

## Mechanical data

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

## Material data

|                             |                                                |
|-----------------------------|------------------------------------------------|
| Note on material data       | Information on material data can be found here |
| Color                       | gray                                           |
| Insulation material         | Polyamide (PA66)                               |
| Flammability class per UL94 | V0                                             |
| Fire load                   | 0.349 MJ                                       |
| Weight                      | 17.7 g                                         |

## Commercial data

|                       |               |
|-----------------------|---------------|
| Product Group         | 22 (TOPJOB S) |
| PU (SPU)              | 50 Stück      |
| Packaging type        | box           |
| Country of origin     | DE            |
| GTIN                  | 4044918691246 |
| Customs tariff number | 85369010000   |

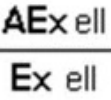
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## Approvals / Certificates

## Ex-Approvals

| Logo                                                                             | Approval                                                   | Additional Approval Text | Certificate name                                                        |
|----------------------------------------------------------------------------------|------------------------------------------------------------|--------------------------|-------------------------------------------------------------------------|
|  | <b>AEx</b><br>Underwriters Laboratories Inc.               | UL 60079                 | E185892 (AEx eb IIC<br>resp. Ex eb IIC)                                 |
|  | <b>ATEX</b><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) |
|  | <b>CCCEX</b><br>CQST/CNEX                                  | CNCA-C23-01              | 2020312313000238                                                        |
|  | <b>EAC</b><br>Brjansker Zertifizierungsstelle              | TP TC 012/2011           | RU C-DE.AM02.B.<br>00127/19 (Ex e IIC<br>Gb U)                          |

## Country specific Approvals

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

## Ship Approvals

| Logo                                                                               | Approval                                  | Additional Approval Text | Certificate name         |
|------------------------------------------------------------------------------------|-------------------------------------------|--------------------------|--------------------------|
|  | <b>ABS</b><br>American Bureau of Shipping | EN 60947                 | 20-<br>HG1941090-<br>PDA |

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



**BV**  
Bureau Veritas S.A.

EN 60947

38586/A0 BV

**DNV GL**  
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.: 2002-3292**  
End and intermediate plate; 0.8 mm thick; orange

[www.wago.com/2002-3292](http://www.wago.com/2002-3292)

**Item no.: 2002-3291**  
End and intermediate plate; 0.8 mm thick; gray

[www.wago.com/2002-3291](http://www.wago.com/2002-3291)

## Optional accessories

### Mounting

Mounting accessories



**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)

### Tool

Operating tool



**Item no.: 210-658**  
Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; angled; short; multicoloured

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

**Item no.: 210-720**  
Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; multicoloured

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

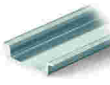
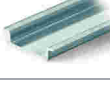
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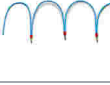
## Carrier rail

## Mounting accessories

|                                                                                    |                                                                                                                                                      |                                                                |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|
|    | <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> |
|   | <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.: 210-118</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.: 210-112</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; silver-colored | <a href="http://www.wago.com/210-112">www.wago.com/210-112</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; silver-colored | <a href="http://www.wago.com/210-115">www.wago.com/210-115</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> |

## Jumpers

## Jumper

|                                                                                    |                                                                   |                                                                  |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------|------------------------------------------------------------------|
|  | <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>Item no.: 2002-402</b><br>Jumper; 2-way; insulated; light gray | <a href="http://www.wago.com/2002-402">www.wago.com/2002-402</a> |

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



|                                                                                    |                                                                       |                                                                                  |
|------------------------------------------------------------------------------------|-----------------------------------------------------------------------|----------------------------------------------------------------------------------|
|                                                                                    | 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.: 2002-400<br>Continuous jumper; 2-way; insulated; light gray | <a href="http://www.wago.com/2002-400">www.wago.com/2002-400</a>                 |
|                                                                                    | Item no.: 2002-403<br>Jumper; 3-way; insulated; light gray            | <a href="http://www.wago.com/2002-403">www.wago.com/2002-403</a>                 |
|     | Item no.: 2002-404/000-005<br>Jumper; 4-way; insulated; red           | <a href="http://www.wago.com/2002-404/000-005">www.wago.com/2002-404/000-005</a> |
|     | Item no.: 2002-403/000-006<br>Jumper; 3-way; insulated; blue          | <a href="http://www.wago.com/2002-403/000-006">www.wago.com/2002-403/000-006</a> |
|     | Item no.: 2002-404/000-006<br>Jumper; 4-way; insulated; blue          | <a href="http://www.wago.com/2002-404/000-006">www.wago.com/2002-404/000-006</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> |
|                                                                                    | Item no.: 2002-405/000-005<br>Jumper; 5-way; insulated; red           | <a href="http://www.wago.com/2002-405/000-005">www.wago.com/2002-405/000-005</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.: 2002-405/000-006<br>Jumper; 5-way; insulated; blue          | <a href="http://www.wago.com/2002-405/000-006">www.wago.com/2002-405/000-006</a> |
|                                                                                    | Item no.: 2002-404<br>Jumper; 4-way; insulated; light gray            | <a href="http://www.wago.com/2002-404">www.wago.com/2002-404</a>                 |
|                                                                                    | Item no.: 2002-406/000-006<br>Jumper; 6-way; insulated; blue          | <a href="http://www.wago.com/2002-406/000-006">www.wago.com/2002-406/000-006</a> |
|                                                                                    | Item no.: 2002-406/000-005<br>Jumper; 6-way; insulated; red           | <a href="http://www.wago.com/2002-406/000-005">www.wago.com/2002-406/000-005</a> |
|  | Item no.: 2002-406/020-000<br>Delta jumper; insulated; light gray     | <a href="http://www.wago.com/2002-406/020-000">www.wago.com/2002-406/020-000</a> |
|                                                                                    | Item no.: 2002-405                                                    |                                                                                  |

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





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

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

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

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

**Item no.: 2002-477**

Staggered jumper; 7-way; insulated; light gray

[www.wago.com/2002-477](http://www.wago.com/2002-477)**Item no.: 2002-473/011-000**

Staggered jumper; 2-way; from 1 to 3; insulated; light gray

[www.wago.com/2002-473/011-000](http://www.wago.com/2002-473/011-000)**Item no.: 2002-479**

Staggered jumper; 9-way; insulated; light gray

[www.wago.com/2002-479](http://www.wago.com/2002-479)**Item no.: 2002-478**

Staggered jumper; 8-way; insulated; light gray

[www.wago.com/2002-478](http://www.wago.com/2002-478)**Item no.: 2002-479/011-000**

Staggered jumper; insulated; light gray

[www.wago.com/2002-479/011-000](http://www.wago.com/2002-479/011-000)**Item no.: 2002-480**

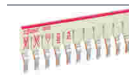
Staggered jumper; 10-way; insulated; light gray

[www.wago.com/2002-480](http://www.wago.com/2002-480)**Item no.: 2002-477/011-000**

Staggered jumper; insulated; light gray

[www.wago.com/2002-477/011-000](http://www.wago.com/2002-477/011-000)**Item no.: 2002-481/011-000**

Staggered jumper; insulated; light gray

[www.wago.com/2002-481/011-000](http://www.wago.com/2002-481/011-000)**Item no.: 2002-481**

Staggered jumper; 11-way; insulated; light gray

[www.wago.com/2002-481](http://www.wago.com/2002-481)**Item no.: 2002-482**

Staggered jumper; 12-way; insulated; light gray

[www.wago.com/2002-482](http://www.wago.com/2002-482)**Item no.: 210-103**

Wire commoning chain; insulated; black

[www.wago.com/210-103](http://www.wago.com/210-103)**Testing and measuring**

## Testing accessories

**Item no.: 2009-174**

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

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

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

[www.wago.com/2009-182](http://www.wago.com/2009-182)**Item no.: 2002-611**

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

[www.wago.com/2002-611](http://www.wago.com/2002-611)**Item no.: 2002-649**

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

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

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

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Do you have any questions about our products?

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

## 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 crimped; acc. to DIN 46228, Part 4/09.90; blue  | <a href="http://www.wago.com/216-266">www.wago.com/216-266</a> |
|  | <b>Item no.: 216-264</b><br>Ferrule; Sleeve for 1.5 mm <sup>2</sup> / AWG 16; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; black | <a href="http://www.wago.com/216-264">www.wago.com/216-264</a> |
|  | <b>Item no.: 216-262</b><br>Ferrule; Sleeve for 0.75 mm <sup>2</sup> / 18 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; gray | <a href="http://www.wago.com/216-262">www.wago.com/216-262</a> |

## Marking accessories

| Marking strip                                                                      |                                                                                                                      |                                                                  |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------|
|  | <b>Item no.: 2009-110</b><br>Marking strips; for Smart Printer; on reel; not stretchable; plain; snap-on type; white | <a href="http://www.wago.com/2009-110">www.wago.com/2009-110</a> |
| Marker carrier                                                                     |                                                                                                                      |                                                                  |
|   | <b>Item no.: 2009-198</b><br>Adaptor; gray                                                                           | <a href="http://www.wago.com/2009-198">www.wago.com/2009-198</a> |
|  | <b>Item no.: 2002-131</b><br>Adaptor; gray                                                                           | <a href="http://www.wago.com/2002-131">www.wago.com/2002-131</a> |
|   | <b>Item no.: 2002-161</b><br>Adaptor; gray                                                                           | <a href="http://www.wago.com/2002-161">www.wago.com/2002-161</a> |
| Marker                                                                             |                                                                                                                      |                                                                  |

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

|                                                                                   |                                                                                                                                                   |                                                                                  |
|-----------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|
|  | <b>Item no.: 2009-115/000-002</b><br>WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; yellow      | <a href="http://www.wago.com/2009-115/000-002">www.wago.com/2009-115/000-002</a> |
|  | <b>Item no.: 2009-115/000-007</b><br>WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; gray        | <a href="http://www.wago.com/2009-115/000-007">www.wago.com/2009-115/000-007</a> |
|  | <b>Item no.: 2009-115/000-017</b><br>WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; light green | <a href="http://www.wago.com/2009-115/000-017">www.wago.com/2009-115/000-017</a> |
|  | <b>Item no.: 2009-115/000-023</b><br>WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; green       | <a href="http://www.wago.com/2009-115/000-023">www.wago.com/2009-115/000-023</a> |
|  | <b>Item no.: 2009-115/000-024</b><br>WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; violet      | <a href="http://www.wago.com/2009-115/000-024">www.wago.com/2009-115/000-024</a> |
|                                                                                   | <b>Item no.: 2009-145/000-006</b><br>Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; blue   | <a href="http://www.wago.com/2009-145/000-006">www.wago.com/2009-145/000-006</a> |
|                                                                                   | <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.: 2009-145/000-007</b><br>Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; gray   | <a href="http://www.wago.com/2009-145/000-007">www.wago.com/2009-145/000-007</a> |
|                                                                                   | <b>Item no.: 2009-145/000-005</b><br>Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; red    | <a href="http://www.wago.com/2009-145/000-005">www.wago.com/2009-145/000-005</a> |
|                                                                                   | <b>Item no.: 2009-145/000-012</b><br>Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; orange | <a href="http://www.wago.com/2009-145/000-012">www.wago.com/2009-145/000-012</a> |
|                                                                                   | <b>Item no.: 2009-145/000-023</b><br>Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; green  | <a href="http://www.wago.com/2009-145/000-023">www.wago.com/2009-145/000-023</a> |
|                                                                                   | <b>Item no.: 2009-145/000-024</b><br>Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; violet | <a href="http://www.wago.com/2009-145/000-024">www.wago.com/2009-145/000-024</a> |

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

**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/248-501/000-006](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/248-501/000-007](http://www.wago.com/248-501/000-007)**Item no.: 248-501/000-002**

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

[www.wago.com/248-501/000-002](http://www.wago.com/248-501/000-002)**Item no.: 248-501/000-012**

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

[www.wago.com/793-5501/000-012](http://www.wago.com/793-5501/000-012)

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

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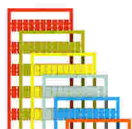
32423 Minden

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)

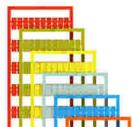
Do you have any questions about our products?

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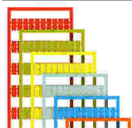
**Item no.: 793-5501/000-014**

WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; brown [www.wago.com/793-5501/000-014](http://www.wago.com/793-5501/000-014)



**Item no.: 793-5501/000-017**

WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; green [www.wago.com/793-5501/000-017](http://www.wago.com/793-5501/000-017)



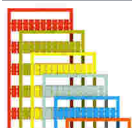
**Item no.: 793-5501/000-023**

WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; light green [www.wago.com/793-5501/000-023](http://www.wago.com/793-5501/000-023)



**Item no.: 793-5501/000-024**

WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; violet [www.wago.com/793-5501/000-024](http://www.wago.com/793-5501/000-024)



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

WMB marking card; as card; not stretchable; plain; snap-on type; yellow [www.wago.com/793-501/000-002](http://www.wago.com/793-501/000-002)



**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)



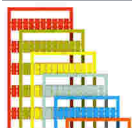
**Item no.: 793-501/000-017**

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)



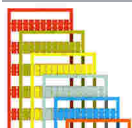
**Item no.: 793-501/000-012**

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)

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



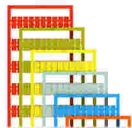
**Item no.: 793-501/000-005**  
WMB marking card; as card; not stretchable; plain; snap-on type; red

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



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

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



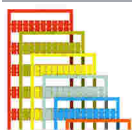
**Item no.: 793-501/000-024**  
WMB marking card; as card; not stretchable; plain; snap-on type; violet

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



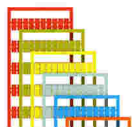
**Item no.: 793-5501/000-005**  
WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; red

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



**Item no.: 793-5501/000-002**  
WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; yellow

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



**Item no.: 793-5501/000-006**  
WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; blue

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

**Item no.: 793-5501**

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

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



**Item no.: 2009-115/000-012**  
WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; orange

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



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

[www.wago.com/2009-115/000-006](http://www.wago.com/2009-115/000-006)



**Item no.: 2009-115/000-005**  
WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; red

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

#### Group marker carrier



**Item no.: 2009-193**  
Group marker carrier; gray

[www.wago.com/2009-193](http://www.wago.com/2009-193)



**Item no.: 2009-192**  
Group marker carrier; gray

[www.wago.com/2009-192](http://www.wago.com/2009-192)



**Item no.: 2009-191**  
Group marker carrier; gray

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

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



**Insulation stop**

|                                                                                   |                                                                                                |                                                                  |
|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|------------------------------------------------------------------|
| Insulation stop                                                                   |                                                                                                |                                                                  |
|  | Item no.: 2002-171<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> |
|  | Item no.: 2002-172<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> |

**Protective warning marker**

|                                                                                   |                                                                                                                 |                                                                  |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------|
| Cover                                                                             |                                                                                                                 |                                                                  |
|  | Item no.: 2002-115<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> |

**Push-in type wire jumper**

|                                                                                    |                                                                                                             |                                                                                  |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|
| Jumper                                                                             |                                                                                                             |                                                                                  |
|    | Item no.: 2009-412<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>                 |
|    | Item no.: 2009-414<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>                 |
|    | Item no.: 2009-416<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>                 |
|   | Item no.: 2009-414/000-005<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> |
|  | Item no.: 2009-414/000-006<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> |

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

|                           |              |                 |          |
|---------------------------|--------------|-----------------|----------|
| 2002-3208<br>X81 - Datei  | Apr 18, 2019 | xml<br>4.4 kB   | Download |
| 2002-3208<br>docx - Datei | Apr 18, 2019 | docx<br>16.1 kB | Download |

**Additional Information**

|                                             |               |          |
|---------------------------------------------|---------------|----------|
| Technical Section<br>Technical explanations | pdf<br>2.2 MB | Download |
|---------------------------------------------|---------------|----------|

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

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



CAD/CAE-Data

CAD data

|                        |                     |                          |
|------------------------|---------------------|--------------------------|
| 2D/3D Models 2002-3208 | <a href="#">URL</a> | <a href="#">Download</a> |
|------------------------|---------------------|--------------------------|

CAE data

|                             |                     |                          |
|-----------------------------|---------------------|--------------------------|
| EPLAN Data Portal 2002-3208 | <a href="#">URL</a> | <a href="#">Download</a> |
| WSCAD Universe 2002-3208    | <a href="#">URL</a> | <a href="#">Download</a> |
| ZUKEN Portal 2002-3208      | <a href="#">URL</a> | <a href="#">Download</a> |

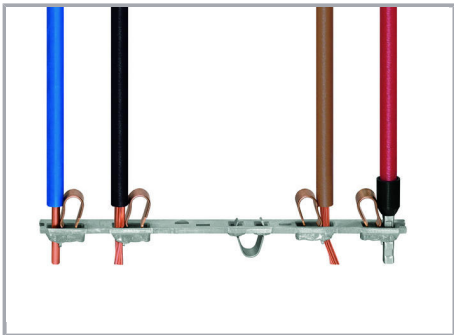
Environmental Product Compliance

Compliance Search

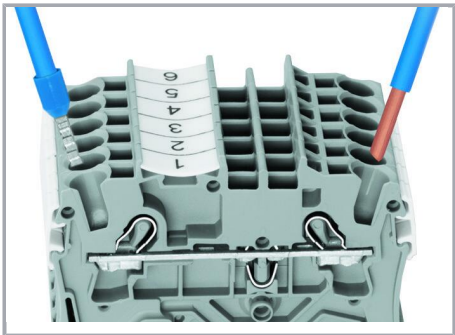
|                                                                                                                                                                                                                                                                        |                     |                          |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|--------------------------|
| Environmental Product Compliance 2002-3208                                                                                                                                                                                                                             | <a href="#">URL</a> | <a href="#">Download</a> |
| Triple-deck terminal block; 6-conductor through terminal block; L; without marker carrier; suitable for Ex e II applications; internal commoning; conductor entry with violet marking; for DIN-rail 35 x 15 and 35 x 7.5; 2.5 mm²; Push-in CAGE CLAMP®; 2,50 mm²; gray |                     |                          |

Installation Notes

Conductor termination

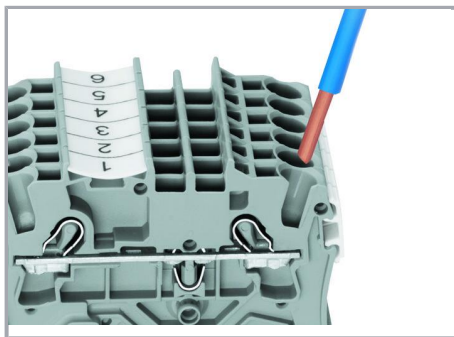


All conductor types at a glance



Push-in termination of solid and ferruled conductors

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



#### Inserting a conductor via push-in termination:

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



#### Inserting a conductor via operating tool:

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

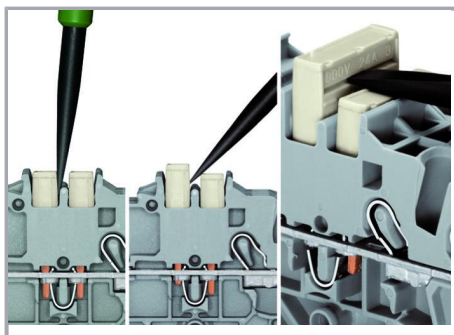
#### Advantage:

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



Conductor termination – insulation stop

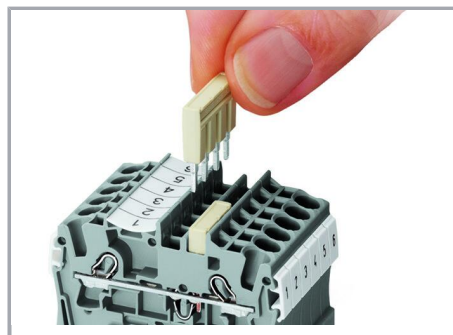
#### Commoning



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

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

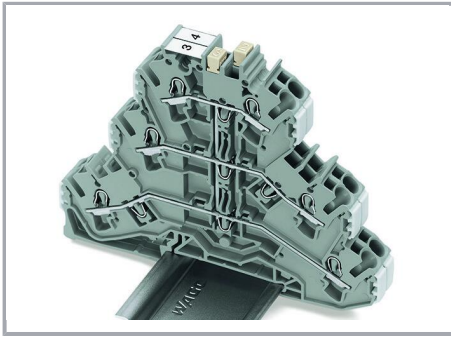
Place the operating tool in the center of jumpers for up to five contacts (see above), or alternately on both sides for jumpers with more than five contacts.



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

#### Commoning

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



Commoning three levels via triple-deck vertical jumper (2002-493).



Created for double- and triple-deck TOPJOB® S Terminal Blocks, the vertical jumpers can common two or three levels. Clearly marked numerals ("2" and "3") distinguish the double-deck (2002-0492) and triple-deck vertical jumpers (2002-0493), even when inserted.

## 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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