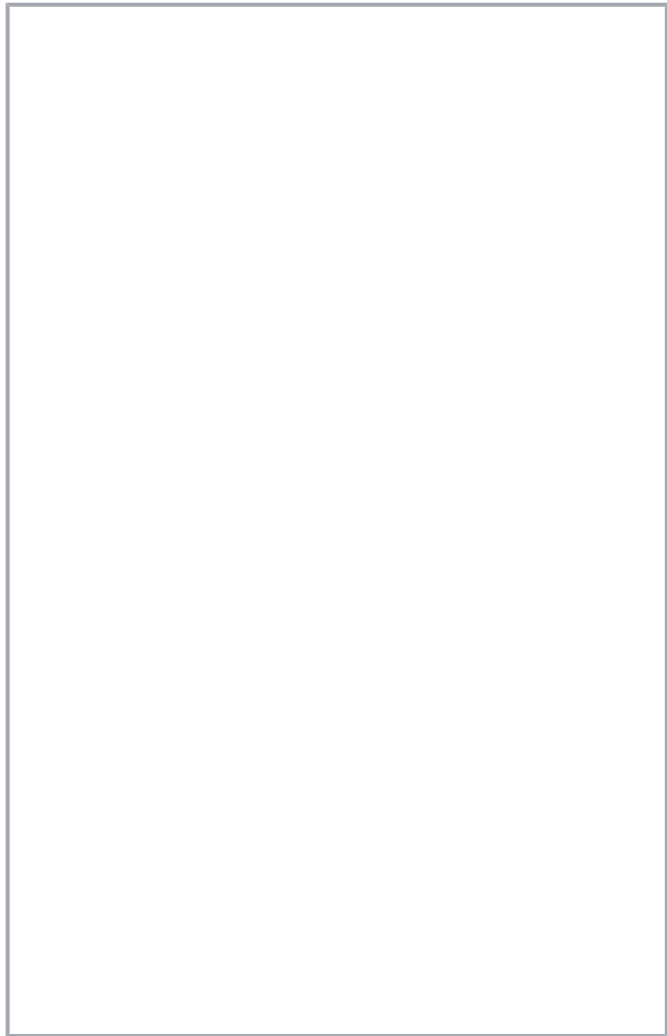
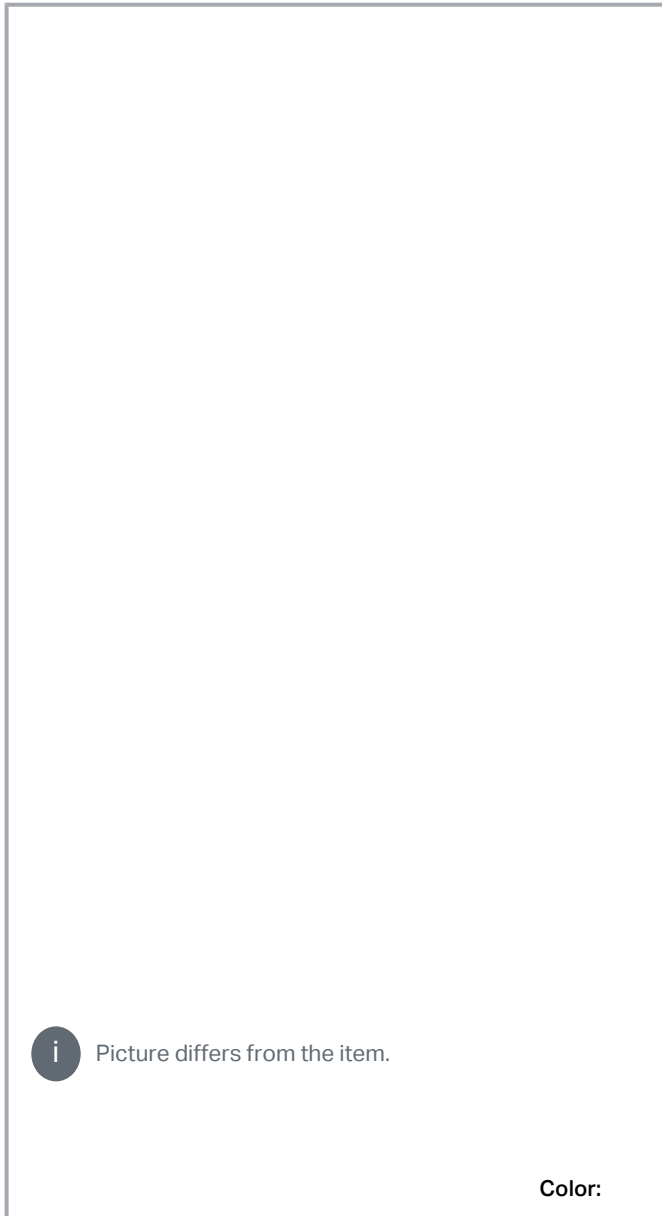


## Data sheet | Item number: 880-687

3-conductor ground terminal block; 4 mm<sup>2</sup>; side and center marking; for DIN-rail 35 x 15 and 35 x 7.5; CAGE CLAMP®; 4,00 mm<sup>2</sup>; green-yellow

[www.wago.com/880-687](http://www.wago.com/880-687)



## Data

### Electrical data

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

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## Ratings per IEC/EN

|             |                  |
|-------------|------------------|
| Ratings per | IEC/EN 60947-7-2 |
|-------------|------------------|

## Connection data

|                            |   |
|----------------------------|---|
| Connection points          | 3 |
| Total number of potentials | 1 |
| Number of levels           | 1 |

## Connection 1

|                                 |                                   |
|---------------------------------|-----------------------------------|
| Connection technology           | CAGE CLAMP®                       |
| Actuation type                  | Operating tool                    |
| Connectable conductor materials | Copper                            |
| Solid conductor                 | 0.08 ... 4 mm² / 28 ... 12 AWG    |
| Fine-stranded conductor         | 0.08 ... 4 mm² / 28 ... 12 AWG    |
| Strip length                    | 8 ... 9 mm / 0.31 ... 0.35 inches |
| Wiring direction                | Front-entry wiring                |

## Physical data

|                                   |                      |
|-----------------------------------|----------------------|
| Width                             | 5 mm / 0.197 inches  |
| Height                            | 73 mm / 2.874 inches |
| Depth from upper-edge of DIN-rail | 29 mm / 1.142 inches |

## Mechanical Data

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

## Material Data

|                             |                                                          |
|-----------------------------|----------------------------------------------------------|
| Note (material data)        | Information on material specifications can be found here |
| Color                       | green-yellow                                             |
| Material group              | I                                                        |
| Insulation material         | Polyamide (PA66)                                         |
| Flammability class per UL94 | V0                                                       |
| Fire load                   | 0.127 MJ                                                 |

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



|        |        |
|--------|--------|
| Weight | 12.1 g |
|--------|--------|

## Environmental requirements

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

## Commercial data

|                       |               |
|-----------------------|---------------|
| eCl@ss 10.0           | 27-14-11-41   |
| eCl@ss 9.0            | 27-14-11-41   |
| ETIM 8.0              | EC000901      |
| ETIM 7.0              | EC000901      |
| PU (SPU)              | 100 pcs       |
| Packaging type        | box           |
| Country of origin     | DE            |
| GTIN                  | 4045454084769 |
| Customs tariff number | 85369010000   |

## Environmental Product Compliance

|                                           |                                      |
|-------------------------------------------|--------------------------------------|
| CAS-No.                                   | 7439-92-1                            |
| REACH Candidate List Substance            | Lead                                 |
| RoHS Compliance Status                    | Compliant, With Exemption            |
| RoHS Exemption                            | 6(c)<br>7(a)<br>7(c)-I<br>7(c)-II    |
| SCIP notification number (Austria)        | 38c82000-abad-4cc5-8986-5a65fe940ea0 |
| SCIP notification number (Belgium)        | ab131bb2-09ff-4661-9b8b-931e1b0174fb |
| SCIP notification number (Bulgaria)       | 121ff811-9904-4e9c-8f77-78b9ee5a07d5 |
| SCIP notification number (Czech Republic) | 3fdd2cd6-3c4d-43bc-9ed5-2681ae98d6c0 |
| SCIP notification number (Denmark)        | 029cdf24-e1f5-4e67-97e8-44cd4f6362b0 |
| SCIP notification number (Finland)        | 0aeb4f86-cba7-4e94-90f0-b44673864b85 |
| SCIP notification number (France)         | d62e423b-e25b-4406-ba8d-353f29e00480 |
| SCIP notification number (Germany)        | da56c128-6e8b-4434-ae5-26c48e56404c  |
| SCIP notification number (Hungary)        | bc6993af-b933-4e9b-884e-501fd958299f |
| SCIP notification number (Italy)          | cbd61f3d-54a0-4196-b320-a04efb44379c |
| SCIP notification number (Netherlands)    | 20746a16-8067-44db-9c63-60ae3bc6f545 |
| SCIP notification number (Poland)         | 5cbeac49-365e-4fba-b217-f556702c836a |

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|                                    |                                      |
|------------------------------------|--------------------------------------|
| SCIP notification number (Romania) | dc7ca2be-3dca-452a-bc93-4d6c01b60b51 |
| SCIP notification number (Sweden)  | 49eebb32-9daf-4e33-a5d0-379ba1d00761 |

## Approvals / Certificates

### General approvals

| Logo | Approval                                    | Additional Approval Text | Certificate name |
|------|---------------------------------------------|--------------------------|------------------|
|      | <b>CCA</b><br>DEKRA Certification B.V.      | EN 60947                 | NTR-NL<br>7339   |
|      | <b>CCA</b><br>DEKRA Certification B.V.      | EN 60947                 | 2174152.01       |
|      | <b>UL</b><br>Underwriters Laboratories Inc. | UL 1059                  | E45172           |

### Declarations of conformity and manufacturer's declarations

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

### Approvals for marine applications

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

## Required accessories

### End plate

|                                                                              |                                                                |
|------------------------------------------------------------------------------|----------------------------------------------------------------|
| End plate                                                                    |                                                                |
| <b>Item no.: 880-308</b><br>End and intermediate plate; 2.5 mm thick; gray   | <a href="http://www.wago.com/880-308">www.wago.com/880-308</a> |
| <b>Item no.: 880-339</b><br>End and intermediate plate; 2.5 mm thick; orange | <a href="http://www.wago.com/880-339">www.wago.com/880-339</a> |

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## Optional accessories

### Insulation stop

|                                                                                                      |  |                                                                |
|------------------------------------------------------------------------------------------------------|--|----------------------------------------------------------------|
| Insulation stop                                                                                      |  |                                                                |
| <b>Item no.: 280-472</b>                                                                             |  |                                                                |
| Insulation stop; 0.75 - 1 mm <sup>2</sup> ; 5 pieces/strip; black                                    |  | <a href="http://www.wago.com/280-472">www.wago.com/280-472</a> |
| <b>Item no.: 280-470</b>                                                                             |  |                                                                |
| Insulation stop; 0.08 - 0.2 mm <sup>2</sup> "s" (0.14 mm <sup>2</sup> "f-st"); 5 pieces/strip; white |  | <a href="http://www.wago.com/280-470">www.wago.com/280-470</a> |
| <b>Item no.: 280-471</b>                                                                             |  |                                                                |
| Insulation stop; 0.25 - 0.5 mm <sup>2</sup> ; 5 pieces/strip; light gray                             |  | <a href="http://www.wago.com/280-471">www.wago.com/280-471</a> |

### Push-in type wire jumper

|                                                                                |  |                                                                |
|--------------------------------------------------------------------------------|--|----------------------------------------------------------------|
| Jumper                                                                         |  |                                                                |
| <b>Item no.: 249-123</b>                                                       |  |                                                                |
| Push-in type wire jumper; 0.75 mm <sup>2</sup> ; insulated; 180 mm long; black |  | <a href="http://www.wago.com/249-123">www.wago.com/249-123</a> |
| <b>Item no.: 249-126</b>                                                       |  |                                                                |
| Push-in type wire jumper; 0.75 mm <sup>2</sup> ; insulated; 110 mm long; black |  | <a href="http://www.wago.com/249-126">www.wago.com/249-126</a> |
| <b>Item no.: 249-127</b>                                                       |  |                                                                |
| Push-in type wire jumper; 0.75 mm <sup>2</sup> ; insulated; 250 mm long; black |  | <a href="http://www.wago.com/249-127">www.wago.com/249-127</a> |
| <b>Item no.: 249-125</b>                                                       |  |                                                                |
| Push-in type wire jumper; insulated; 60 mm long; black                         |  | <a href="http://www.wago.com/249-125">www.wago.com/249-125</a> |

### Jumpers

|                                        |  |                                                                |
|----------------------------------------|--|----------------------------------------------------------------|
| Jumper                                 |  |                                                                |
| <b>Item no.: 210-123</b>               |  |                                                                |
| Wire commoning chain; insulated; blue  |  | <a href="http://www.wago.com/210-123">www.wago.com/210-123</a> |
| <b>Item no.: 280-402</b>               |  |                                                                |
| Jumper; insulated; gray                |  | <a href="http://www.wago.com/280-402">www.wago.com/280-402</a> |
| <b>Item no.: 210-103</b>               |  |                                                                |
| Wire commoning chain; insulated; black |  | <a href="http://www.wago.com/210-103">www.wago.com/210-103</a> |
| <b>Item no.: 280-492</b>               |  |                                                                |
| Jumper; 2-way; insulated; gray         |  | <a href="http://www.wago.com/280-492">www.wago.com/280-492</a> |
| <b>Item no.: 280-409</b>               |  |                                                                |
| Jumper; insulated; gray                |  | <a href="http://www.wago.com/280-409">www.wago.com/280-409</a> |
| <b>Item no.: 280-422</b>               |  |                                                                |
| Jumper; insulated; yellow-green        |  | <a href="http://www.wago.com/280-422">www.wago.com/280-422</a> |
| <b>Item no.: 280-482</b>               |  |                                                                |
| Jumper; 2-way; insulated; gray         |  | <a href="http://www.wago.com/280-482">www.wago.com/280-482</a> |
| <b>Item no.: 280-484</b>               |  |                                                                |
| Jumper; 4-way; insulated; gray         |  | <a href="http://www.wago.com/280-484">www.wago.com/280-484</a> |

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



|                                                                                                                               |                                                                |
|-------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|
| <b>Item no.: 280-490</b><br>Jumper; 10-way; insulated; gray                                                                   | <a href="http://www.wago.com/280-490">www.wago.com/280-490</a> |
| <b>Item no.: 280-485</b><br>Jumper; 5-way; insulated; gray                                                                    | <a href="http://www.wago.com/280-485">www.wago.com/280-485</a> |
| <b>Item no.: 280-483</b><br>Jumper; 3-way; insulated; gray                                                                    | <a href="http://www.wago.com/280-483">www.wago.com/280-483</a> |
| <b>Item no.: 709-110</b><br>Wire commoning chain; 2.5 mm <sup>2</sup> ; insulated; black                                      | <a href="http://www.wago.com/709-110">www.wago.com/709-110</a> |
| <b>Item no.: 709-112</b><br>Wire commoning chain; 2.5 mm <sup>2</sup> ; insulated; black                                      | <a href="http://www.wago.com/709-112">www.wago.com/709-112</a> |
| <b>Item no.: 709-111</b><br>Wire commoning chain; 2.5 mm <sup>2</sup> ; insulated; black                                      | <a href="http://www.wago.com/709-111">www.wago.com/709-111</a> |
| <b>Item no.: 780-454</b><br>Staggered jumper; from 1 to 4; insulated; gray                                                    | <a href="http://www.wago.com/780-454">www.wago.com/780-454</a> |
| <b>Item no.: 780-452</b><br>Staggered jumper; from 1 to 2; insulated; gray                                                    | <a href="http://www.wago.com/780-452">www.wago.com/780-452</a> |
| <b>Item no.: 780-453</b><br>Staggered jumper; from 1 to 3; insulated; gray                                                    | <a href="http://www.wago.com/780-453">www.wago.com/780-453</a> |
| <b>Item no.: 780-457</b><br>Staggered jumper; from 1 to 7; insulated; gray                                                    | <a href="http://www.wago.com/780-457">www.wago.com/780-457</a> |
| <b>Item no.: 780-456</b><br>Staggered jumper; from 1 to 6; insulated; gray                                                    | <a href="http://www.wago.com/780-456">www.wago.com/780-456</a> |
| <b>Item no.: 780-455</b><br>Staggered jumper; from 1 to 5; insulated; gray                                                    | <a href="http://www.wago.com/780-455">www.wago.com/780-455</a> |
| <b>Item no.: 780-458</b><br>Staggered jumper; from 1 to 8; insulated; gray                                                    | <a href="http://www.wago.com/780-458">www.wago.com/780-458</a> |
| <b>End plate</b>                                                                                                              |                                                                |
| End plate                                                                                                                     |                                                                |
| <b>Item no.: 880-340</b><br>Separator plate; 2 mm thick; oversized; orange                                                    | <a href="http://www.wago.com/880-340">www.wago.com/880-340</a> |
| <b>Item no.: 880-309</b><br>Separator plate; 2 mm thick; oversized; gray                                                      | <a href="http://www.wago.com/880-309">www.wago.com/880-309</a> |
| <b>Ferrule</b>                                                                                                                |                                                                |
| Ferrule                                                                                                                       |                                                                |
| <b>Item no.: 216-106</b><br>Ferrule; Sleeve for 2.5 mm <sup>2</sup> / AWG 14; uninsulated; electro-tin plated; silver-colored | <a href="http://www.wago.com/216-106">www.wago.com/216-106</a> |
| <b>Item no.: 216-107</b>                                                                                                      | <a href="http://www.wago.com/216-107">www.wago.com/216-107</a> |

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



Ferrule; Sleeve for 4 mm<sup>2</sup> / AWG 12; uninsulated; electro-tin plated

**Item no.: 216-108**

Ferrule; Sleeve for 6 mm<sup>2</sup> / AWG 10; uninsulated; electro-tin plated; silver-colored

[www.wago.com/216-108](http://www.wago.com/216-108)

**Item no.: 216-109**

Ferrule; Sleeve for 10 mm<sup>2</sup> / AWG 8; uninsulated; electro-tin plated

[www.wago.com/216-109](http://www.wago.com/216-109)

**Item no.: 216-110**

Ferrule; Sleeve for 16 mm<sup>2</sup> / AWG 6; uninsulated; electro-tin plated; brown metallic

[www.wago.com/216-110](http://www.wago.com/216-110)

**Item no.: 216-123**

Ferrule; Sleeve for 1 mm<sup>2</sup> / AWG 18; uninsulated; electro-tin plated; silver-colored

[www.wago.com/216-123](http://www.wago.com/216-123)

**Item no.: 216-122**

Ferrule; Sleeve for 0.75 mm<sup>2</sup> / AWG 20; uninsulated; electro-tin plated; silver-colored

[www.wago.com/216-122](http://www.wago.com/216-122)

**Item no.: 216-124**

Ferrule; Sleeve for 1.5 mm<sup>2</sup> / AWG 16; uninsulated; electro-tin plated

[www.wago.com/216-124](http://www.wago.com/216-124)

**Item no.: 216-142**

Ferrule; Sleeve for 0.75 mm<sup>2</sup> / 18 AWG; uninsulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 1/08.92

[www.wago.com/216-142](http://www.wago.com/216-142)

**Item no.: 216-132**

Ferrule; Sleeve for 0.34 mm<sup>2</sup> / AWG 24; uninsulated; electro-tin plated

[www.wago.com/216-132](http://www.wago.com/216-132)

**Item no.: 216-121**

Ferrule; Sleeve for 0.5 mm<sup>2</sup> / AWG 22; uninsulated; electro-tin plated; silver-colored

[www.wago.com/216-121](http://www.wago.com/216-121)

**Item no.: 216-143**

Ferrule; Sleeve for 1 mm<sup>2</sup> / AWG 18; uninsulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 1/08.92

[www.wago.com/216-143](http://www.wago.com/216-143)

**Item no.: 216-131**

Ferrule; Sleeve for 0.25 mm<sup>2</sup> / AWG 24; uninsulated; electro-tin plated; silver-colored

[www.wago.com/216-131](http://www.wago.com/216-131)

**Item no.: 216-141**

Ferrule; Sleeve for 0.5 mm<sup>2</sup> / 20 AWG; uninsulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 1/08.92

[www.wago.com/216-141](http://www.wago.com/216-141)

**Item no.: 216-152**

Ferrule; Sleeve for 0.34 mm<sup>2</sup> / AWG 24; uninsulated; electro-tin plated

[www.wago.com/216-152](http://www.wago.com/216-152)

**Item no.: 216-207**

Ferrule; Sleeve for 4 mm<sup>2</sup> / AWG 12; insulated; electro-tin plated; gray

[www.wago.com/216-207](http://www.wago.com/216-207)

**Item no.: 216-151**

Ferrule; Sleeve for 0.25 mm<sup>2</sup> / AWG 24; uninsulated; electro-tin plated

[www.wago.com/216-151](http://www.wago.com/216-151)

**Item no.: 216-209**

Ferrule; Sleeve for 10 mm<sup>2</sup> / AWG 8; insulated; electro-tin plated; red

[www.wago.com/216-209](http://www.wago.com/216-209)

**Item no.: 216-144**

Ferrule; Sleeve for 1.5 mm<sup>2</sup> / AWG 16; uninsulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 1/08.92; silver-colored

[www.wago.com/216-144](http://www.wago.com/216-144)

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

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|                                                                                                                                                                                            |                                                                |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|
| <b>Item no.: 216-208</b><br>Ferrule; Sleeve for 6 mm <sup>2</sup> / AWG 10; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; yellow  | <a href="http://www.wago.com/216-208">www.wago.com/216-208</a> |
| <b>Item no.: 216-223</b><br>Ferrule; Sleeve for 1 mm <sup>2</sup> / AWG 18; insulated; electro-tin plated; red                                                                             | <a href="http://www.wago.com/216-223">www.wago.com/216-223</a> |
| <b>Item no.: 216-210</b><br>Ferrule; Sleeve for 16 mm <sup>2</sup> / AWG 6; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; blue    | <a href="http://www.wago.com/216-210">www.wago.com/216-210</a> |
| <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.: 216-222</b><br>Ferrule; Sleeve for 0.75 mm <sup>2</sup> / 18 AWG; insulated; electro-tin plated; gray                                                                         | <a href="http://www.wago.com/216-222">www.wago.com/216-222</a> |
| <b>Item no.: 216-221</b><br>Ferrule; Sleeve for 0.5 mm <sup>2</sup> / 20 AWG; insulated; electro-tin plated; white                                                                         | <a href="http://www.wago.com/216-221">www.wago.com/216-221</a> |
| <b>Item no.: 216-224</b><br>Ferrule; Sleeve for 1.5 mm <sup>2</sup> / AWG 16; insulated; electro-tin plated; black                                                                         | <a href="http://www.wago.com/216-224">www.wago.com/216-224</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.: 216-286</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/216-286">www.wago.com/216-286</a> |
| <b>Item no.: 216-287</b><br>Ferrule; Sleeve for 4 mm <sup>2</sup> / AWG 12; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; gray    | <a href="http://www.wago.com/216-287">www.wago.com/216-287</a> |
| <b>Item no.: 216-262</b>                                                                                                                                                                   |                                                                |

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

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Ferrule; Sleeve for 0.75 mm<sup>2</sup> / 18 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; gray

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

**Item no.: 216-288**

Ferrule; Sleeve for 6 mm<sup>2</sup> / AWG 10; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; yellow

[www.wago.com/216-288](http://www.wago.com/216-288)

**Item no.: 216-289**

Ferrule; Sleeve for 10 mm<sup>2</sup> / AWG 8; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; red

[www.wago.com/216-289](http://www.wago.com/216-289)

**Item no.: 216-321**

Ferrule; Sleeve for 0.25 mm<sup>2</sup> / AWG 24; insulated; electro-tin plated; yellow

[www.wago.com/216-321](http://www.wago.com/216-321)

**Item no.: 216-322**

Ferrule; Sleeve for 0.34 mm<sup>2</sup> / 22 AWG; insulated; electro-tin plated; light turquoise

[www.wago.com/216-322](http://www.wago.com/216-322)

**Item no.: 216-267**

Ferrule; Sleeve for 4 mm<sup>2</sup> / AWG 12; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; gray

[www.wago.com/216-267](http://www.wago.com/216-267)

## Testing and measuring

### Testing accessories

**Item no.: 209-170**

Test plug adapter; 8.3 mm wide; for 4 mm Ø test plugs; suitable for 1.5 mm<sup>2</sup> - 10 mm<sup>2</sup> tbs; gray

[www.wago.com/209-170](http://www.wago.com/209-170)

**Item no.: 210-136**

Test plug; 2 mm Ø; with 500 mm cable; red

[www.wago.com/210-136](http://www.wago.com/210-136)

**Item no.: 281-407**

Test plug; 6 mm wide; Nominal current 24 A; for 0.08 mm<sup>2</sup> - 2.5 mm<sup>2</sup>; 2,50 mm<sup>2</sup>; gray

[www.wago.com/281-407](http://www.wago.com/281-407)

**Item no.: 249-106**

B-type test plug module; modular; 1,50 mm<sup>2</sup>; gray

[www.wago.com/249-106](http://www.wago.com/249-106)

**Item no.: 249-107**

B-type spacer module; modular; e.g., for bridging commoned terminal blocks; gray

[www.wago.com/249-107](http://www.wago.com/249-107)

**Item no.: 280-418**

Test plug module; modular; suitable for all WAGO 280 and 780 Series rail-mounted terminal blocks with jumper slots in the current bar; gray

[www.wago.com/280-418](http://www.wago.com/280-418)

**Item no.: 280-404**

Test plug adapter; 5 mm wide; for test plug (2.3 mm Ø); suitable for 1.5 mm<sup>2</sup> - 4 mm<sup>2</sup> tbs; gray

[www.wago.com/280-404](http://www.wago.com/280-404)

**Item no.: 280-419**

Spacer module; modular; bridging commoned terminal blocks; gray

[www.wago.com/280-419](http://www.wago.com/280-419)

## Carrier rail

### Mounting accessories

**Item no.: 210-197**

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

[www.wago.com/210-197](http://www.wago.com/210-197)

**Item no.: 210-198**

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

[www.wago.com/210-198](http://www.wago.com/210-198)

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|                                                                                                                                                      |                                                                                  |
|------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|
| <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>                   |
| <b>Protective warning marker</b>                                                                                                                     |                                                                                  |
| Cover                                                                                                                                                |                                                                                  |
| <b>Item no.: 280-415</b><br>Protective warning marker; for 5 terminal blocks; with high-voltage symbol, black; yellow                                | <a href="http://www.wago.com/280-415">www.wago.com/280-415</a>                   |
| <b>Marking accessories</b>                                                                                                                           |                                                                                  |
| Marker                                                                                                                                               |                                                                                  |
| <b>Item no.: 2009-115/000-002</b><br>WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; yellow         | <a href="http://www.wago.com/2009-115/000-002">www.wago.com/2009-115/000-002</a> |
| <b>Item no.: 2009-115/000-007</b><br>WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; gray           | <a href="http://www.wago.com/2009-115/000-007">www.wago.com/2009-115/000-007</a> |
| <b>Item no.: 2009-115/000-017</b><br>WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; light green    | <a href="http://www.wago.com/2009-115/000-017">www.wago.com/2009-115/000-017</a> |

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



|                                                                                                                                                   |                                                                                  |
|---------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|
| <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> |
| <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.: 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.: 248-501/000-002</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>   |

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|                                                                                                                                                                |                                                                                  |
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| <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</b><br>Mini-WSB marking card; as card; not stretchable; plain; snap-on type; white                                                        | <a href="http://www.wago.com/248-501">www.wago.com/248-501</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.: 248-501/000-005</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.: 248-501/000-024</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.: 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.: 793-5501/000-007</b><br>WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; gray        | <a href="http://www.wago.com/793-5501/000-007">www.wago.com/793-5501/000-007</a> |
| <b>Item no.: 793-5501/000-012</b><br>WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; orange      | <a href="http://www.wago.com/793-5501/000-012">www.wago.com/793-5501/000-012</a> |
| <b>Item no.: 793-5501/000-017</b><br>WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; light green | <a href="http://www.wago.com/793-5501/000-017">www.wago.com/793-5501/000-017</a> |
| <b>Item no.: 793-5501/000-023</b><br>WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; green       | <a href="http://www.wago.com/793-5501/000-023">www.wago.com/793-5501/000-023</a> |
| <b>Item no.: 793-5501/000-024</b><br>WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; violet      | <a href="http://www.wago.com/793-5501/000-024">www.wago.com/793-5501/000-024</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>   |
| <b>Item no.: 793-501/000-007</b><br>WMB marking card; as card; not stretchable; plain; snap-on type; gray                                                      | <a href="http://www.wago.com/793-501/000-007">www.wago.com/793-501/000-007</a>   |
| <b>Item no.: 793-501/000-017</b><br>WMB marking card; as card; not stretchable; plain; snap-on type; light green                                               | <a href="http://www.wago.com/793-501/000-017">www.wago.com/793-501/000-017</a>   |

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| <b>Item no.: 793-501/000-012</b><br>WMB marking card; as card; not stretchable; plain; snap-on type; orange                                               | <a href="http://www.wago.com/793-501/000-012">www.wago.com/793-501/000-012</a>   |
| <b>Item no.: 793-501/000-023</b><br>WMB marking card; as card; not stretchable; plain; snap-on type; green                                                | <a href="http://www.wago.com/793-501/000-023">www.wago.com/793-501/000-023</a>   |
| <b>Item no.: 793-501/000-006</b><br>WMB marking card; as card; not stretchable; plain; snap-on type; blue                                                 | <a href="http://www.wago.com/793-501/000-006">www.wago.com/793-501/000-006</a>   |
| <b>Item no.: 793-501/000-005</b><br>WMB marking card; as card; not stretchable; plain; snap-on type; red                                                  | <a href="http://www.wago.com/793-501/000-005">www.wago.com/793-501/000-005</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.: 793-501/000-024</b><br>WMB marking card; as card; not stretchable; plain; snap-on type; violet                                               | <a href="http://www.wago.com/793-501/000-024">www.wago.com/793-501/000-024</a>   |
| <b>Item no.: 793-5501/000-005</b><br>WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; red    | <a href="http://www.wago.com/793-5501/000-005">www.wago.com/793-5501/000-005</a> |
| <b>Item no.: 793-5501/000-002</b><br>WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; yellow | <a href="http://www.wago.com/793-5501/000-002">www.wago.com/793-5501/000-002</a> |
| <b>Item no.: 793-5501/000-006</b><br>WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; blue   | <a href="http://www.wago.com/793-5501/000-006">www.wago.com/793-5501/000-006</a> |
| <b>Item no.: 793-5501</b><br>WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; white          | <a href="http://www.wago.com/793-5501">www.wago.com/793-5501</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.: 2009-115/000-006</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>Group marker carrier</b>                                                                                                                               |                                                                                  |
| <b>Item no.: 249-105</b><br>Group marker carrier; gray                                                                                                    | <a href="http://www.wago.com/249-105">www.wago.com/249-105</a>                   |
| <b>Mounting</b>                                                                                                                                           |                                                                                  |
| Cover carrier                                                                                                                                             |                                                                                  |

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

**Item no.: 709-167**

Cover carrier; Type 1; incl. fixing/retaining screws and knurled nut; suitable for 279 to 282 and 880 Series rail-mounted terminal blocks; suitable for 264 Series miniature rail-mounted terminal blocks; suitable for 270 Series sensor and actuator terminal blocks; gray

[www.wago.com/709-167](http://www.wago.com/709-167)**Cover****Item no.: 709-153**

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

[www.wago.com/709-153](http://www.wago.com/709-153)**Mounting accessories****Item no.: 209-106**

Mounting carrier; for isolated mounting on DIN 35 rails; gray

[www.wago.com/209-106](http://www.wago.com/209-106)**Item no.: 249-116**

Screwless end stop; 6 mm wide; for DIN-rail 35 x 15 and 35 x 7.5; gray

[www.wago.com/249-116](http://www.wago.com/249-116)**Downloads****Documentation****Additional Information**

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3-conductor ground terminal block; 4 mm<sup>2</sup>; side and center marking; for DIN-rail 35 x 15 and 35 x 7.5; CAGE CLAMP®; 4,00 mm<sup>2</sup>; green-yellow

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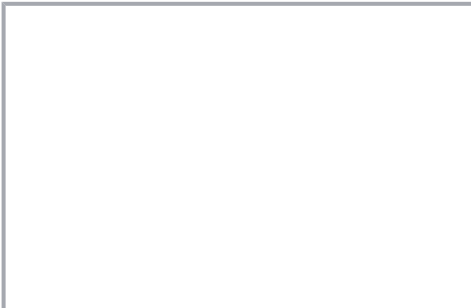
## Installation Notes



## Features

- 2-, 3- and 4-conductor terminal blocks, just 5 mm wide
- Conductor cross-sections up to 4 mm<sup>2</sup> (per VDE 0281), 12 AWG, 2.5 mm<sup>2</sup> with insulated ferrule (Item No. 216-206) or 2.5 mm<sup>2</sup> rubber-insulated conductors with outer diameter up to 4.4 mm
- Test plug, red, 2 mm Ø
- WMB markers
- Mini-WSB markers, on both sides
- Commoning with WAGO jumper systems

## Testing



880 Series Terminal Blocks have an additional test slot for voltage tester.

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