

**Data sheet | Item number: 2002-2971**

Double-deck disconnect terminal block; with pivoting knife disconnect; same profile as double-deck, double-disconnect terminal block; L/L; 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/2002-2971](http://www.wago.com/2002-2971)



**Color:**

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

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

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



## Data

### Electrical data

#### Ratings per IEC/EN

|                               |   |
|-------------------------------|---|
| Ratings per                   | IEC/EN 60947-7-1  |
| Nominal voltage (III/3)       | 400 V   |
| Rated impulse voltage (III/3) | 6 kV  |
| Rated current                 | 16 A  |
| Legend (ratings)              | (III / 3) ≙ Overvoltage category III / Pollution degree 3 |

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

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

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



## Ratings per UL

|                                |         |
|--------------------------------|---------|
| Approvals per                  | UL 1059 |
| Rated voltage UL (Use Group B) | 300 V   |
| Rated current UL (Use Group B) | 15 A    |
| Rated voltage UL (Use Group C) | 300 V   |
| Rated current UL (Use Group C) | 15 A    |

## Ratings per CSA

|                                 |                 |
|---------------------------------|-----------------|
| Approvals per                   | CSA 22.2 No 158 |
| Rated voltage CSA (Use Group B) | 300 V           |
| Rated current CSA (Use Group B) | 15 A            |
| Rated voltage CSA (Use Group C) | 150 V           |
| Rated current CSA (Use Group C) | 15 A            |
| Rated voltage CSA (Use Group D) | 300 V           |
| Rated current CSA (Use Group D) | 15 A            |

## Ex information

|                            |   |
|----------------------------|---|
| Ratings per                | ATEX: KIWA 17 ATEX 0030 U / IECEx: KIWA 17.0014U (Ex ec IIC Gc) |
| Rated voltage EN (Ex e II) | 440 V   |
| Rated current (Ex e II)    | 14 A  |

## Power Loss

|  |                |
|--|----------------|
| Power loss, per pole (potential)                             | 0.341 W        |
| Rated current $I_N$ for specified power loss                 | 16 A           |
| Resistance value for specified, current-dependent power loss | 0.001 $\Omega$ |

## Connection data

|                            |   |
|----------------------------|---|
| Connection points          | 4 |
| Total number of potentials | 4 |
| Number of levels           | 2 |
| Number of jumper slots     | 2 |

## Connection 1

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

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



|  |   |
|--|---|
| Actuation type   | Operating tool  |
| Connectable conductor materials                            | Copper  |
| Nominal cross-section                                      | 2.5 mm <sup>2</sup>   |
| Solid conductor  | 0.25 ... 4 mm <sup>2</sup> / 22 ... 12 AWG  |
| Solid conductor; push-in termination                       | 0.75 ... 4 mm <sup>2</sup> / 18 ... 12 AWG  |
| Fine-stranded conductor                                    | 0.25 ... 4 mm <sup>2</sup> / 22 ... 12 AWG  |
| Fine-stranded conductor; with insulated ferrule            | 0.25 ... 2.5 mm <sup>2</sup> / 22 ... 14 AWG  |
| Fine-stranded conductor; with ferrule; push-in termination | 1 ... 2.5 mm <sup>2</sup> / 18 ... 14 AWG   |
| Note (conductor cross-section)                             | Depending on the conductor characteristic, a conductor with a smaller cross-section can also be inserted via push-in termination. |
| Strip length   | 10 ... 12 mm / 0.39 ... 0.47 inches   |
| Wiring direction   | Front-entry wiring  |

### Physical data

|                                   |                       |
|-----------------------------------|-----------------------|
| Width                             | 5.2 mm / 0.205 inches |
| Height                            | 108 mm / 4.252 inches |
| Depth from upper-edge of DIN-rail | 42 mm / 1.654 inches  |

### Mechanical Data

|                   |              |
|-------------------|--------------|
| Potential marking | L/L          |
| Mounting type     | DIN-35 rail  |
| Marking level     | Side marking |

### Material Data

|                             |  |
|-----------------------------|--|
| Note (material data)        | Information on material specifications can be found here |
| Color                       | gray   |
| Material group              | I  |
| Insulation material         | Polyamide (PA66)   |
| Flammability class per UL94 | V0   |
| Fire load                   | 0.311 MJ   |
| Weight                      | 17.4 g   |

### Environmental requirements

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

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

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

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



## Commercial data

|                       |               |
|-----------------------|---------------|
| Product Group         | 22 (TOPJOB S) |
| eCl@ss 10.0           | 27-14-11-26   |
| eCl@ss 9.0            | 27-14-11-26   |
| ETIM 8.0              | EC000902      |
| ETIM 7.0              | EC000902      |
| PU (SPU)              | 50 pcs        |
| Packaging type        | box           |
| Country of origin     | CN            |
| GTIN                  | 4050821006817 |
| Customs tariff number | 85365080900   |

## Environmental Product Compliance

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

## Approvals / Certificates

### General approvals

| Logo | Approval                                     | Additional Approval Text | Certificate name |
|------|--|--------------------------|------------------|
|      | <b>CCA</b><br>DEKRA Certification B.V.       | EN 60947                 | NTR NL<br>7941   |
|      | <b>CSA</b><br>DEKRA Certification B.V.       | C22.2 No. 158            | 1536069          |
|      | <b>KEMA/KEUR</b><br>DEKRA Certification B.V. | EN 60947                 | 71-<br>124163    |
|      | <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>ATEX-Attestation of Conformity</b><br>WAGO GmbH & Co. KG | -                        | -                |
|      | <b>EU-Declaration of Conformity</b><br>WAGO GmbH & Co. KG   | -                        | -                |
|      | <b>Railway</b><br>WAGO GmbH & Co. KG                        | -                        | Railway<br>Ready |
|      | <b>UK-Declaration of Conformity</b><br>WAGO GmbH & Co. KG   | -                        | -                |

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

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

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



## 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               |

## Approvals for hazardous areas

| 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>KIWA Netherlands B.V.         | EN 60079                 | KIWA 17ATEX0030<br>U                    |
|      | <b>CCC</b><br>CNEX                           | GB/T 3836.3              | 2020312313000180<br>(Ex ec IIC Gc)      |
|      | <b>IECEX</b><br>KIWA Netherlands B.V.        | EN 60079                 | IECEX KIWA 17.0014<br>U (Ex ec IIC Gc)  |

## Required accessories

## End plate

| End plate |  |  |
|-----------|--|--|
|           | <b>Item no.: 2002-2991</b><br>End and intermediate plate; 1 mm thick; gray   | <a href="http://www.wago.com/2002-2991">www.wago.com/2002-2991</a> |
|           | <b>Item no.: 2002-2992</b><br>End and intermediate plate; 1 mm thick; orange | <a href="http://www.wago.com/2002-2992">www.wago.com/2002-2992</a> |

## Optional accessories

## End plate

| End plate |   |  |
|-----------|---|--|
|           | <b>Item no.: 209-192</b><br>Separator for Ex e/Ex i applications; 3 mm thick; 125.5 mm wide; orange | <a href="http://www.wago.com/209-192">www.wago.com/209-192</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!



|  |  |
|--|--|
| <b>Item no.: 2002-402/000-005</b><br>Jumper; 2-way; insulated; red           | <a href="http://www.wago.com/2002-402/000-005">www.wago.com/2002-402/000-005</a> |
| <b>Item no.: 2002-400</b><br>Continuous jumper; 2-way; insulated; light gray | <a href="http://www.wago.com/2002-400">www.wago.com/2002-400</a>                 |
| <b>Item no.: 2002-403</b><br>Jumper; 3-way; insulated; light gray            | <a href="http://www.wago.com/2002-403">www.wago.com/2002-403</a>                 |
| <b>Item no.: 2002-404/000-005</b><br>Jumper; 4-way; insulated; red           | <a href="http://www.wago.com/2002-404/000-005">www.wago.com/2002-404/000-005</a> |
| <b>Item no.: 2002-403/000-006</b><br>Jumper; 3-way; insulated; blue          | <a href="http://www.wago.com/2002-403/000-006">www.wago.com/2002-403/000-006</a> |
| <b>Item no.: 2002-404/000-006</b><br>Jumper; 4-way; insulated; blue          | <a href="http://www.wago.com/2002-404/000-006">www.wago.com/2002-404/000-006</a> |
| <b>Item no.: 2002-403/000-005</b><br>Jumper; 3-way; insulated; red           | <a href="http://www.wago.com/2002-403/000-005">www.wago.com/2002-403/000-005</a> |
| <b>Item no.: 2002-405/000-005</b><br>Jumper; 5-way; insulated; red           | <a href="http://www.wago.com/2002-405/000-005">www.wago.com/2002-405/000-005</a> |
| <b>Item no.: 2002-402/000-006</b><br>Jumper; 2-way; insulated; blue          | <a href="http://www.wago.com/2002-402/000-006">www.wago.com/2002-402/000-006</a> |
| <b>Item no.: 2002-405/000-006</b><br>Jumper; 5-way; insulated; blue          | <a href="http://www.wago.com/2002-405/000-006">www.wago.com/2002-405/000-006</a> |
| <b>Item no.: 2002-404</b><br>Jumper; 4-way; insulated; light gray            | <a href="http://www.wago.com/2002-404">www.wago.com/2002-404</a>                 |
| <b>Item no.: 2002-406/000-006</b><br>Jumper; 6-way; insulated; blue          | <a href="http://www.wago.com/2002-406/000-006">www.wago.com/2002-406/000-006</a> |
| <b>Item no.: 2002-406/000-005</b><br>Jumper; 6-way; insulated; red           | <a href="http://www.wago.com/2002-406/000-005">www.wago.com/2002-406/000-005</a> |
| <b>Item no.: 2002-406/020-000</b><br>Delta jumper; insulated; light gray     | <a href="http://www.wago.com/2002-406/020-000">www.wago.com/2002-406/020-000</a> |

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



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





|  |  |
|--|--|
| <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>                 |
| <b>Item no.: 2002-477</b>  |  |

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



|  |  |
|--|--|
| Staggered jumper; 7-way; insulated; light gray   | <a href="http://www.wago.com/2002-477">www.wago.com/2002-477</a>                 |
| <b>Item no.: 2002-473/011-000</b><br>Staggered jumper; 2-way; from 1 to 3; insulated; light gray   | <a href="http://www.wago.com/2002-473/011-000">www.wago.com/2002-473/011-000</a> |
| <b>Item no.: 2002-479</b><br>Staggered jumper; 9-way; insulated; light gray  | <a href="http://www.wago.com/2002-479">www.wago.com/2002-479</a>                 |
| <b>Item no.: 2002-478</b><br>Staggered jumper; 8-way; insulated; light gray  | <a href="http://www.wago.com/2002-478">www.wago.com/2002-478</a>                 |
| <b>Item no.: 2002-479/011-000</b><br>Staggered jumper; insulated; light gray   | <a href="http://www.wago.com/2002-479/011-000">www.wago.com/2002-479/011-000</a> |
| <b>Item no.: 2002-480</b><br>Staggered jumper; 10-way; insulated; light gray   | <a href="http://www.wago.com/2002-480">www.wago.com/2002-480</a>                 |
| <b>Item no.: 2002-477/011-000</b><br>Staggered jumper; insulated; light gray   | <a href="http://www.wago.com/2002-477/011-000">www.wago.com/2002-477/011-000</a> |
| <b>Item no.: 2002-481/011-000</b><br>Staggered jumper; insulated; light gray   | <a href="http://www.wago.com/2002-481/011-000">www.wago.com/2002-481/011-000</a> |
| <b>Item no.: 2002-481</b><br>Staggered jumper; 11-way; insulated; light gray   | <a href="http://www.wago.com/2002-481">www.wago.com/2002-481</a>                 |
| <b>Item no.: 2002-482</b><br>Staggered jumper; 12-way; insulated; light gray   | <a href="http://www.wago.com/2002-482">www.wago.com/2002-482</a>                 |
| <b>Item no.: 210-103</b><br>Wire commoning chain; insulated; black   | <a href="http://www.wago.com/210-103">www.wago.com/210-103</a>                   |
| <b>Item no.: 2002-424/000-006</b><br>Continuous jumper; from 1 to 4; insulated; blue   | <a href="http://www.wago.com/2002-424/000-006">www.wago.com/2002-424/000-006</a> |
| <b>Insulation stop</b>   |  |
| Insulation stop  |  |
| <b>Item no.: 2002-171</b><br>Insulation stop; 0.25 - 0.5 mm <sup>2</sup> ; 5 pieces/strip; light gray  | <a href="http://www.wago.com/2002-171">www.wago.com/2002-171</a>                 |
| <b>Item no.: 2002-172</b><br>Insulation stop; 0.75 - 1 mm <sup>2</sup> ; 5 pieces/strip; dark gray   | <a href="http://www.wago.com/2002-172">www.wago.com/2002-172</a>                 |
| <b>Mounting</b>  |  |
| Cover carrier  |  |
| <b>Item no.: 709-169</b><br>Cover carrier; Type 3; 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; | <a href="http://www.wago.com/709-169">www.wago.com/709-169</a>                   |

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



suitable for 270 Series sensor and actuator terminal blocks; gray

|                                   |  |  |
|-----------------------------------|--|--|
| <b>Cover</b>                      |  |  |
| <b>Item no.: 709-156</b>          | Cover; Type 3; suitable for cover carrier, type 3; 1 m long; transparent   | <a href="http://www.wago.com/709-156">www.wago.com/709-156</a>                   |
| <b>Protective warning marker</b>  |  |  |
| <b>Cover</b>                      |  |  |
| <b>Item no.: 2002-115</b>         | 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>                 |
| <b>Push-in type wire jumper</b>   |  |  |
| <b>Jumper</b>                     |  |  |
| <b>Item no.: 2009-412</b>         | Push-in type wire jumper; insulated; 60 mm long; black   | <a href="http://www.wago.com/2009-412">www.wago.com/2009-412</a>                 |
| <b>Item no.: 2009-414</b>         | Push-in type wire jumper; 1.5 mm <sup>2</sup> ; insulated; 110 mm long; black  | <a href="http://www.wago.com/2009-414">www.wago.com/2009-414</a>                 |
| <b>Item no.: 2009-416</b>         | Push-in type wire jumper; 1.5 mm <sup>2</sup> ; insulated; 250 mm long; black  | <a href="http://www.wago.com/2009-416">www.wago.com/2009-416</a>                 |
| <b>Item no.: 2009-414/000-005</b> | Push-in type wire jumper; 1.5 mm <sup>2</sup> ; insulated; 110 mm long; black  | <a href="http://www.wago.com/2009-414/000-005">www.wago.com/2009-414/000-005</a> |
| <b>Item no.: 2009-414/000-006</b> | Push-in type wire jumper; insulated; 110 mm long; black  | <a href="http://www.wago.com/2009-414/000-006">www.wago.com/2009-414/000-006</a> |
| <b>Ferrule</b>                    |  |  |
| <b>Ferrule</b>                    |  |  |
| <b>Item no.: 216-241</b>          | 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>          | 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>          | 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>          | 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>          | 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>          | 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>                   |

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



|  |  |
|--|--|
| <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>                   |
| <b>Marking accessories</b>   |  |
| 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.: 2002-160</b><br>Adaptor; gray   | <a href="http://www.wago.com/2002-160">www.wago.com/2002-160</a>                 |
| Marker   |  |
| <b>Item no.: 2009-115/000-002</b><br>WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; yellow   | <a href="http://www.wago.com/2009-115/000-002">www.wago.com/2009-115/000-002</a> |
| <b>Item no.: 2009-115/000-007</b><br>WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; gray   | <a href="http://www.wago.com/2009-115/000-007">www.wago.com/2009-115/000-007</a> |
| <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;   |  |

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



yellow

[www.wago.com/2009-145/000-002](http://www.wago.com/2009-145/000-002)
**Item no.: 2009-145/000-007**

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

[www.wago.com/2009-145/000-007](http://www.wago.com/2009-145/000-007)
**Item no.: 2009-145/000-005**

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

[www.wago.com/2009-145/000-005](http://www.wago.com/2009-145/000-005)
**Item no.: 2009-145/000-012**

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

[www.wago.com/2009-145/000-012](http://www.wago.com/2009-145/000-012)
**Item no.: 2009-145/000-023**

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

[www.wago.com/2009-145/000-023](http://www.wago.com/2009-145/000-023)
**Item no.: 2009-145/000-024**

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

[www.wago.com/2009-145/000-024](http://www.wago.com/2009-145/000-024)
**Item no.: 2009-115**

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

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

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

[www.wago.com/248-501/000-006](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)

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

WAGO GmbH &amp; Co. KG

Hansastr. 27

32423 Minden

Phone: +49571 887-0 | Fax: +49571 887-169

Email: [info.de@wago.com](mailto:info.de@wago.com) | Web: [www.wago.com](http://www.wago.com)

Do you have any questions about our products?

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



|  |   |
|--|---|
| <p><b>Item no.: 248-501/000-024</b><br/>Mini-WSB marking card; as card; not stretchable; plain; snap-on type; violet</p>   | <p><a href="http://www.wago.com/248-501/000-024">www.wago.com/248-501/000-024</a></p>   |
| <p><b>Item no.: 248-501/000-023</b><br/>Mini-WSB marking card; as card; not stretchable; plain; snap-on type; green</p>  | <p><a href="http://www.wago.com/248-501/000-023">www.wago.com/248-501/000-023</a></p>   |
| <p><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</p>        | <p><a href="http://www.wago.com/793-5501/000-007">www.wago.com/793-5501/000-007</a></p> |
| <p><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</p>      | <p><a href="http://www.wago.com/793-5501/000-012">www.wago.com/793-5501/000-012</a></p> |
| <p><b>Item no.: 793-5501/000-014</b><br/>WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; brown</p>       | <p><a href="http://www.wago.com/793-5501/000-014">www.wago.com/793-5501/000-014</a></p> |
| <p><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</p> | <p><a href="http://www.wago.com/793-5501/000-017">www.wago.com/793-5501/000-017</a></p> |
| <p><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</p>       | <p><a href="http://www.wago.com/793-5501/000-023">www.wago.com/793-5501/000-023</a></p> |
| <p><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</p>      | <p><a href="http://www.wago.com/793-5501/000-024">www.wago.com/793-5501/000-024</a></p> |
| <p><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</p>         | <p><a href="http://www.wago.com/793-5501/000-005">www.wago.com/793-5501/000-005</a></p> |
| <p><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</p>      | <p><a href="http://www.wago.com/793-5501/000-002">www.wago.com/793-5501/000-002</a></p> |
| <p><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</p>        | <p><a href="http://www.wago.com/793-5501/000-006">www.wago.com/793-5501/000-006</a></p> |
| <p><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</p>               | <p><a href="http://www.wago.com/793-5501">www.wago.com/793-5501</a></p>                 |
| <p><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</p>                   | <p><a href="http://www.wago.com/2009-115/000-012">www.wago.com/2009-115/000-012</a></p> |

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

**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)

## Carrier rail

## Mounting accessories

**Item no.: 210-197**

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

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

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

[www.wago.com/210-198](http://www.wago.com/210-198)**Item no.: 210-504**

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

[www.wago.com/210-504](http://www.wago.com/210-504)**Item no.: 210-505**

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

[www.wago.com/210-505](http://www.wago.com/210-505)**Item no.: 210-506**

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

[www.wago.com/210-506](http://www.wago.com/210-506)**Item no.: 210-508**

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

[www.wago.com/210-508](http://www.wago.com/210-508)**Item no.: 210-113**

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

[www.wago.com/210-113](http://www.wago.com/210-113)**Item no.: 210-118**

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

[www.wago.com/210-118](http://www.wago.com/210-118)**Item no.: 210-112**

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

[www.wago.com/210-112](http://www.wago.com/210-112)**Item no.: 210-114**

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

[www.wago.com/210-114](http://www.wago.com/210-114)**Item no.: 210-115**

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

WAGO GmbH &amp; Co. KG

Hansastr. 27

32423 Minden

Phone: +49571 887-0 | Fax: +49571 887-169

Email: [info.de@wago.com](mailto:info.de@wago.com) | Web: [www.wago.com](http://www.wago.com)

Do you have any questions about our products?

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



Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; slotted; according to EN 60715; "Hole width 18 mm; [www.wago.com/210-115](http://www.wago.com/210-115)  
silver-colored

**Item no.: 210-196**  
Aluminum carrier rail; 35 x 8.2 mm; 1.6 mm thick; 2 m long; unslotted; similar to EN 60715; silver-colored [www.wago.com/210-196](http://www.wago.com/210-196)

## Tool

### 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)

## 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 mm<sup>2</sup>; 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.: 2002-511**  
Modular TOPJOB®S connector; modular; for jumper contact slot; 1-pole; 2,50 mm<sup>2</sup>; gray [www.wago.com/2002-511](http://www.wago.com/2002-511)

**Item no.: 2002-549**  
Spacer module; modular; e.g., for bridging commoned terminal blocks; gray [www.wago.com/2002-549](http://www.wago.com/2002-549)

**Item no.: 2002-552**  
Modular TOPJOB®S connector; modular; for jumper contact slot; 2-pole; 2,50 mm<sup>2</sup>; gray [www.wago.com/2002-552](http://www.wago.com/2002-552)

**Item no.: 2002-558**  
Modular TOPJOB®S connector; modular; for jumper contact slot; 8-pole; 2,50 mm<sup>2</sup>; gray [www.wago.com/2002-558](http://www.wago.com/2002-558)

**Item no.: 2002-559**  
Modular TOPJOB®S connector; modular; for jumper contact slot; 9-pole; 2,50 mm<sup>2</sup>; gray [www.wago.com/2002-559](http://www.wago.com/2002-559)

**Item no.: 2002-556**  
Modular TOPJOB®S connector; modular; for jumper contact slot; 6-pole; 2,50 mm<sup>2</sup>; gray [www.wago.com/2002-556](http://www.wago.com/2002-556)

**Item no.: 2002-553**  
Modular TOPJOB®S connector; modular; for jumper contact slot; 3-pole; 2,50 mm<sup>2</sup>; gray [www.wago.com/2002-553](http://www.wago.com/2002-553)

**Item no.: 2002-611**  
TOPJOB®S L-type test plug module; modular; 1-pole; 2,50 mm<sup>2</sup>; gray [www.wago.com/2002-611](http://www.wago.com/2002-611)

**Item no.: 2002-560**  
Modular TOPJOB®S connector; modular; for jumper contact slot; 10-pole; 2,50 mm<sup>2</sup>; gray [www.wago.com/2002-560](http://www.wago.com/2002-560)

**Item no.: 2002-554**  
Modular TOPJOB®S connector; modular; for jumper contact slot; 4-pole; 2,50 mm<sup>2</sup>; gray [www.wago.com/2002-554](http://www.wago.com/2002-554)

**Item no.: 2002-555**  
Modular TOPJOB®S connector; modular; for jumper contact slot; 5-pole; 2,50 mm<sup>2</sup>; gray [www.wago.com/2002-555](http://www.wago.com/2002-555)

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





|  |  |
|--|--|
| <b>Item no.: 2002-557</b><br>Modular TOPJOB®S connector; modular; for jumper contact slot; 7-pole; 2,50 mm <sup>2</sup> ; gray | <a href="http://www.wago.com/2002-557">www.wago.com/2002-557</a> |
| <b>Item no.: 2002-649</b><br>TOPJOB®S L-type spacer module; modular; e.g., for bridging commoned terminal blocks; gray         | <a href="http://www.wago.com/2002-649">www.wago.com/2002-649</a> |
| <b>Item no.: 210-136</b><br>Test plug; 2 mm Ø; with 500 mm cable; red  | <a href="http://www.wago.com/210-136">www.wago.com/210-136</a>   |

## Downloads

### Documentation

#### Bid Text

|                           |              |                 |          |
|---------------------------|--------------|-----------------|----------|
| 2002-2971<br>X81 - Datei  | 2019 年4月18 日 | xml<br>4.1 kB   | Download |
| 2002-2971<br>docx - Datei | 2019 年4月18 日 | docx<br>15.6 kB | Download |

#### Additional Information

pdf  
2.3 MB

Download

## CAD/CAE-Data

### CAD data

2D/3D Models 2002-2971

URL

Download

### CAE data

EPLAN Data Portal 2002-2971

URL

Download

ZUKEN Portal 2002-2971

URL

Download

WSCAD Universe 2002-2971

URL

Download

## Environmental Product Compliance

### Compliance Search

Environmental Product Compliance 2002-2971

URL

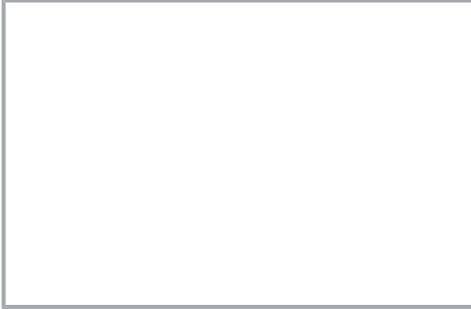
Download

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

Double-deck disconnect terminal block; with pivoting knife disconnect; same profile as double-deck, double-disconnect terminal block; L/L; 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

---

### Installation Notes

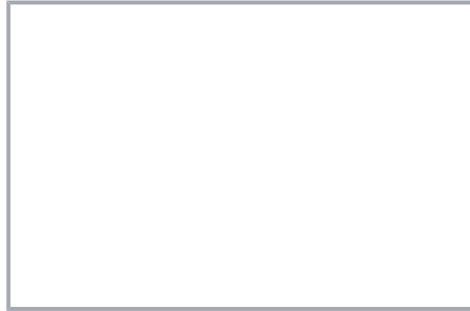


Double-deck disconnect terminal block  
(2002-2971)  
Opening a knife disconnect.

### Testing



Testing with voltage tester.



Double-deck, double-disconnect terminal  
block (2002-2951) with group marker carrier  
(2002-160) accommodated in a jumper  
contact slot and test plug (210-136)

### Marking

---

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



Double-deck, double-disconnect terminal block (2002-2951) with group marker carrier (2002-160) accommodated in jumper contact slot

## Product family

### TOPJOB® S

TOPJOB® S: In various industrial applications and modern building installations, WAGO's wide and versatile range of rail-mount terminal blocks provides more than just reliable electrical connections.

[Show all products from the family](#)

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