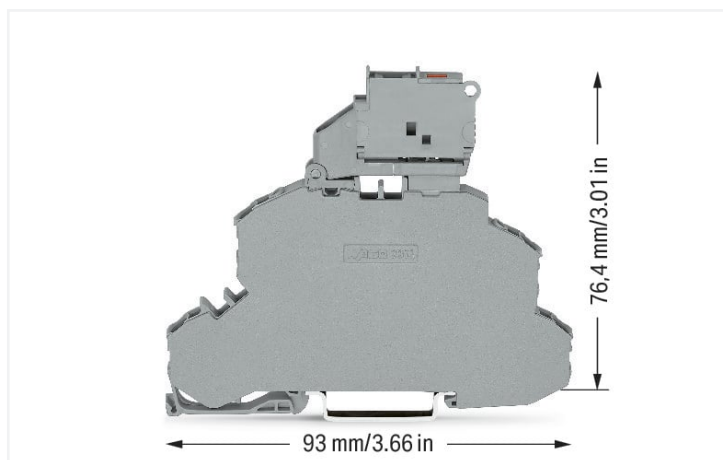# Data Sheet | Item Number: 2002-2611/1000-541

**Double-deck fuse terminal block; with pivoting fuse holder; Through/Fuse terminal block; for 5 x 20 mm miniature metric fuse; with blown fuse indication by LED; 12 - 30 V; for DIN-rail 35 x 15 and 35 x 7.5; 2.5 mm²; Push-in CAGE CLAMP®; 2,50 mm²; gray**

https://www.wago.com/2002-2611/1000-541




Color: ▨ gray

## Electrical data

### Ratings per IEC/EN

| | |
|---|---|
| Ratings per | IEC/EN 60947-7-3 |
| Ratings (note) | Electrical ratings are given by the fuse and blown fuse indication. |
| Nominal voltage (III/3) | 250 V |
| Rated impulse voltage (III/3) | 6 kV |
| Rated current | 6.3 A |
| Note (rated current) | Leakage current in case of a blown fuse: LED 2.2 mA (at 24 V operating voltage) |
| Operation status indicator | 12 … 30 V |
| Legend (ratings) | (III / 3) ≙ Overvoltage category III / Pollution degree 3 |

### Ratings per IEC/EN 2

| | |
|---|---|
| Ratings per 2 | IEC/EN 60947-7-3 |
| Rated voltage (III/3) 2 | 30 V |
| Rated surge voltage (III/3) 2 | 0.8 kV |

### Ratings per UL 1059

| | |
|---|---|
| Approvals per | UL 1059 |
| Rated voltage UL (Use Group B) | 30 V |
| Rated current UL (Use Group B) | 6.3 A |
| Rated voltage UL (Use Group C) | 30 V |
| Rated current UL (Use Group C) | 6.3 A |

### Ratings per CSA

| | |
|---|---|
| Approvals per | CSA 22.2 No 158 |
| Rated voltage CSA (Use Group B) | 30 V |
| Rated current CSA (Use Group B) | 6.3 A |
| Rated voltage CSA (Use Group C) | 30 V |
| Rated current CSA (Use Group C) | 6.3 A |

### Ex information

| | |
|---|---|
| Reference hazardous areas | See "Downloads – Documentation – Additional Information: Technical Section; Technical Explications" |
| Ratings per | ATEX: KIWA 17 ATEX 0030 U / IECEx: KIWA 17.0014U (Ex ec IIC Gc) |
| Rated voltage EN (Ex e II) | 275 V |
| Rated current (Ex e II) | 6.3 A |

### Power loss

| | |
|---|---|
| Power loss $P_l$ max. overload and short-circuit protection (individual arrangement) | 1.6 W |
| Power loss $P_l$ max. overload and short-circuit protection (group arrangement) | 1.6 W |
| Power loss $P_l$ max. short-circuit protection (individual arrangement) | 2.5 W |
| Power loss $P_l$ max. short-circuit protection (group arrangement) | 2.5 W |

**WAGO**

## General

| | |
|---|---|
| Fuse receptacle | pivoting |
| Fuse type | Cylindrical fuse; 5 x 20 mm |

## Connection data

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

### Connection 1

| | |
|---|---|
| Connection technology | Push-in CAGE CLAMP® |
| Actuation type | Operating tool |
| Connectable conductor materials | Copper |
| Nominal cross-section | 2.5 mm² |
| Solid conductor | 0.25 … 4 mm² / 22 … 12 AWG |
| Solid conductor; push-in termination | 0.75 … 4 mm² / 18 … 12 AWG |
| Fine-stranded conductor | 0.25 … 4 mm² / 22 … 12 AWG |
| Fine-stranded conductor; with insulated ferrule | 0.25 … 2.5 mm² / 22 … 14 AWG |
| Fine-stranded conductor; with ferrule; push-in termination | 1 … 2.5 mm² / 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 | 6.2 mm / 0.244 inches |
| Height | 93 mm / 3.661 inches |
| Depth from upper-edge of DIN-rail | 76.4 mm / 3.008 inches |

## Mechanical data

| | |
|---|---|
| Potential marking | L/L |
| Mounting type | DIN-35 rail |
| Marking level | Center/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 | 0.495 MJ |
| Weight | 23.1 g |

## Environmental requirements

| | |
|---|---|
| Ambient temperature (operation) | -35 ... +70 °C |
| Processing temperature | -35 ... +70 °C |
| Continuous operating temperature | -35 ... +70 °C |

## Commercial data

| | |
|---|---|
| Product Group | 22 (TOPJOB S) |
| eCl@ss 10.0 | 27-14-11-16 |
| eCl@ss 9.0 | 27-14-11-16 |
| ETIM 8.0 | EC000899 |
| ETIM 7.0 | EC000899 |
| PU (SPU) | 25 pcs |
| Packaging type | Box |
| Country of origin | CN |
| GTIN | 4066966335644 |
| Customs tariff number | 85369095000 |

## Environmental Product Compliance

| | |
|---|---|
| CAS-No. | 7439-92-1<br>7440-43-9 |
| REACH Candidate List Substance | Cadmium<br>Lead |
| RoHS Exemption | 7(a)<br>7(c)-I<br>7(c)-II |
| SCIP notification number (Austria) | 284741ea-2a08-49e8-81f0-3e1997fb2be0 |
| SCIP notification number (Belgium) | 3209fca6-056c-4141-8a04-fc2e48102fd6 |
| SCIP notification number (Bulgaria) | 57b0e787-89d5-4b5a-aa3b-015becba9b29 |
| SCIP notification number (Czech Republic) | a2f0e17a-8441-4704-8dd3-9d7c345a59bf |
| SCIP notification number (Denmark) | d7632807-0b94-426c-b415-523c80b7ee13 |
| SCIP notification number (Finland) | 3773d42b-4742-4ff3-97f0-b51fffbf9bf2 |
| SCIP notification number (France) | 118d4fde-b079-4c42-a08c-3ea36f8c652c |
| SCIP notification number (Germany) | 34f4f79c-4160-4546-ab25-33563ff7d6f8 |
| SCIP notification number (Hungary) | da5ff1dc-a33e-4d7a-9768-3a5b306d1d16 |
| SCIP notification number (Italy) | 3b4537e0-5c27-4774-b12f-bf496c6bc6aa |
| SCIP notification number (Netherlands) | b70f4308-cc14-4c3d-9787-09a6c3435d44 |
| SCIP notification number (Poland) | 851676b2-9907-4edf-b081-d695fe4c4acf |
| SCIP notification number (Romania) | b54e7ec1-abbe-4877-8716-2f3aa32b36d2 |
| SCIP notification number (Sweden) | 8eef01ce-24e3-409b-8101-8089e7d71c86 |

## Approvals / Certificates

### Declarations of conformity and manufacturer's declarations

| Approval | Standard | Certificate Name |
|---|---|---|
| EU-Declaration of Conformity<br>WAGO GmbH & Co. KG | - | - |
| UK-Declaration of Conformity<br>WAGO GmbH & Co. KG | - | - |

## Downloads

## Environmental Product Compliance

### Compliance Search

| | |
|---|---|
| Environmental Product Compliance 2002-2611/1000-541 | ↓ |

## Documentation

| Additional Information | | | | Bid Text | | | |
|---|---|---|---|---|---|---|---|
| Technical Section | | pdf 2142.18 KB | ↓ | 2002-2611/1000-541 | 18.04.2019 | xml 4.32 KB | ↓ |
| | | | | 2002-2611/1000-541 | 18.04.2019 | docx 15.37 KB | ↓ |

## CAD/CAE-Data

| CAD data | | CAE data | |
|---|---|---|---|
| 2D/3D Models 2002-2611/1000-541 | ↓ | EPLAN Data Portal 2002-2611/1000-541 | ↓ |
| | | WSCAD Universe 2002-2611/1000-541 | ↓ |
| | | ZUKEN Portal 2002-2611/1000-541 | ↓ |

## 1 Compatible Products

### 1.1 Optional Accessories

### 1.1.1 DIN-rail

### 1.1.1.1 Mounting accessories



**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



**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



**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



**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



**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



**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



**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



**Item No.: 210-115**
Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; slotted; according to EN 60715; "Hole width 18 mm; silver-colored



**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



**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



**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



**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

### 1.1.2 End plate

**WAGO**

## 1.1.2.1 End plate

**Item No.: 2002-1091**
End plate for fuse terminal blocks; 2 mm thick; gray

**Item No.: 2002-1092**
End plate for fuse terminal blocks; 2 mm thick; orange

**Item No.: 209-192**
Separator for Ex e/Ex i applications; 3 mm thick; 125.5 mm wide; orange

## 1.1.3 Ferrule

### 1.1.3.1 Ferrule

**Item No.: 216-241**
Ferrule; Sleeve for 0.5 mm² / 20 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; white

**Item No.: 216-242**
Ferrule; Sleeve for 0.75 mm² / 18 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; gray

**Item No.: 216-262**
Ferrule; Sleeve for 0.75 mm² / 18 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; gray

**Item No.: 216-243**
Ferrule; Sleeve for 1 mm² / AWG 18; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; red

**Item No.: 216-263**
Ferrule; Sleeve for 1 mm² / AWG 18; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; red

**Item No.: 216-244**
Ferrule; Sleeve for 1.5 mm² / AWG 16; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; black

**Item No.: 216-264**
Ferrule; Sleeve for 1.5 mm² / AWG 16; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; black

**Item No.: 216-246**
Ferrule; Sleeve for 2.5 mm² / AWG 14; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; blue

**Item No.: 216-266**
Ferrule; Sleeve for 2.5 mm² / AWG 14; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; blue

## 1.1.4 Installation

### 1.1.4.1 Cover

**Item No.: 709-156**
Cover; Type 3; suitable for cover carrier, type 3; 1 m long; transparent

### 1.1.4.2 Cover carrier

**Item No.: 709-169**
Cover carrier; Type 3; gray

## 1.1.5 Insulation stop

**WAGO**

## 1.1.5.1 Insulation stop

**Item No.: 2002-171**
Insulation stop; 0.25 - 0.5 mm²; 5 pieces/strip; light gray

**Item No.: 2002-172**
Insulation stop; 0.75 - 1 mm²; 5 pieces/strip; dark gray

## 1.1.6 Jumper

### 1.1.6.1 Jumper

**Item No.: 2004-406/020-000**
Delta jumper; insulated; light gray

**Item No.: 2004-410**
Jumper; 10-way; insulated; light gray

**Item No.: 2004-402**
Jumper; 2-way; insulated; light gray

**Item No.: 2004-403**
Jumper; 3-way; insulated; light gray

**Item No.: 2004-404**
Jumper; 4-way; insulated; light gray

**Item No.: 2004-405**
Jumper; 5-way; insulated; light gray

**Item No.: 2004-406**
Jumper; 6-way; insulated; light gray

**Item No.: 2004-407**
Jumper; 7-way; insulated; light gray

**Item No.: 2004-408**
Jumper; 8-way; insulated; light gray

**Item No.: 2004-409**
Jumper; 9-way; insulated; light gray

**Item No.: 2004-440**
Jumper; from 1 to 10; insulated; light gray

**Item No.: 2004-433**
Jumper; from 1 to 3; insulated; light gray

**Item No.: 2004-434**
Jumper; from 1 to 4; insulated; light gray

**Item No.: 2004-435**
Jumper; from 1 to 5; insulated; light gray

**Item No.: 2004-436**
Jumper; from 1 to 6; insulated; light gray

**Item No.: 2004-437**
Jumper; from 1 to 7; insulated; light gray

**Item No.: 2004-438**
Jumper; from 1 to 8; insulated; light gray

**Item No.: 2004-439**
Jumper; from 1 to 9; insulated; light gray

**Item No.: 2004-405/011-000**
Star point jumper; 3-way; insulated; light gray

**Item No.: 2002-492**
Vertical jumper; insulated; light gray

**Item No.: 2002-492/000-012**
Vertical jumper; insulated; orange

**Item No.: 210-103**
Wire commoning chain; insulated; black

**Item No.: 210-123**
Wire commoning chain; insulated; blue

## 1.1.7 Locking system

### 1.1.7.1 Locking system

**Item No.: 210-254**
Interlocking link; mechanically locks multiple links; 1 m long; transparent

## 1.1.8 Marking

### 1.1.8.1 Marker

**Item No.: 2009-145/000-006**
Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; blue

**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

**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

**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

**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

**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

**Item No.: 2009-145**
Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; white

**Item No.: 2009-145/000-002**
Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; yellow

## 1.1.8.1 Marker



Item No.: 248-501/000-006
Mini-WSB marking card; as card; not stretchable; plain; snap-on type; blue



Item No.: 248-501/000-007
Mini-WSB marking card; as card; not stretchable; plain; snap-on type; gray



Item No.: 248-501/000-023
Mini-WSB marking card; as card; not stretchable; plain; snap-on type; green



Item No.: 248-501/000-017
Mini-WSB marking card; as card; not stretchable; plain; snap-on type; light green



Item No.: 248-501/000-012
Mini-WSB marking card; as card; not stretchable; plain; snap-on type; orange



Item No.: 248-501/000-005
Mini-WSB marking card; as card; not stretchable; plain; snap-on type; red



Item No.: 248-501/000-024
Mini-WSB marking card; as card; not stretchable; plain; snap-on type; violet



Item No.: 248-501
Mini-WSB marking card; as card; not stretchable; plain; snap-on type; white



Item No.: 248-501/000-002
Mini-WSB marking card; as card; not stretchable; plain; snap-on type; yellow



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



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



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



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; green



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; light green



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



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



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



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



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



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



Item No.: 2009-115/000-007
WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; gray



Item No.: 2009-115/000-023
WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; green



Item No.: 2009-115/000-017
WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; light green



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



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



Item No.: 2009-115/000-024
WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; violet



Item No.: 2009-115
WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; white



Item No.: 2009-115/000-002
WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; yellow

## 1.1.8.2 Marking strip



Item No.: 2009-110
Marking strips; for Smart Printer; on reel; not stretchable; plain; snap-on type; white

## 1.1.9 Protective warning marker

### 1.1.9.1 Cover



Item No.: 2002-115
Protective warning marker; for 5 terminal blocks; with high-voltage symbol, black; yellow

## 1.1.10 Test and measurement

Version 26.04.2023

## 1.1.10.1 Testing accessories

**Item No.: 2002-611**
TOPJOB®S L-type test plug module; modular; 1-pole; 2,50 mm²; gray

## 1.1.11 Tool

### 1.1.11.1 Operating tool

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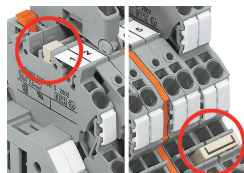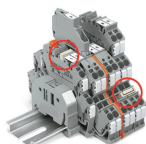Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; angled; short; multicoloured

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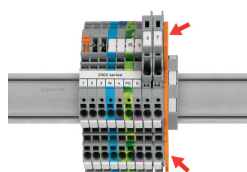Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; multicoloured
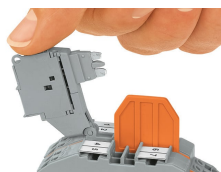
## Installation Notes

### Commoning

The same profile allows for commoning with TOPJOB® S double-deck terminal blocks (upper deck) and with triple-deck terminal blocks (lower deck).
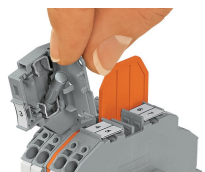
Left picture – Vertical jumper (2002-492)
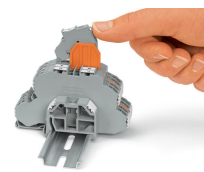Right picture – Push-in type jumper bar (2002 Series)

Additionally, an end plate for fuse terminal blocks (e.g., 2002-1092, orange) must be used at the end of an assembly or if there is no adjacent fuse terminal block.
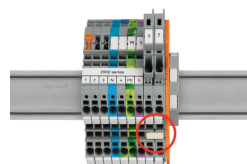
Double-deck fuse disconnect terminal blocks with a pivoting fuse holder (2002-2611, gray) are compatible with disconnect, carrier, through and ground conductor terminal blocks. The fuse holder is also available with a blown fuse LED indicator (e.g., 2002-2611/1000-541 for 12–30 V).

An end plate for fuse disconnect terminal blocks (shown in orange, 2002-1092) is used for additional protection, preventing the fuse holder from being opened. The fuse cannot be replaced until disconnecting the fuse holder from the power supply.

Pivot the fuse holder into the open position.

An intermediate plate is supplied with all 6.2 mm wide fused disconnect terminal blocks.
Due to the 6.2 mm width of fuse disconnect terminal blocks with a pivoting fuse holder, 2004 Series Push-In Type Jumper Bars must be used.

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

Current addresses can be found at:: www.wago.com