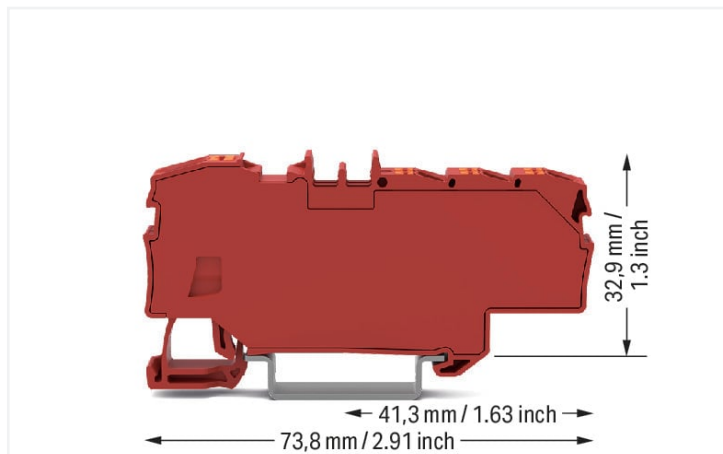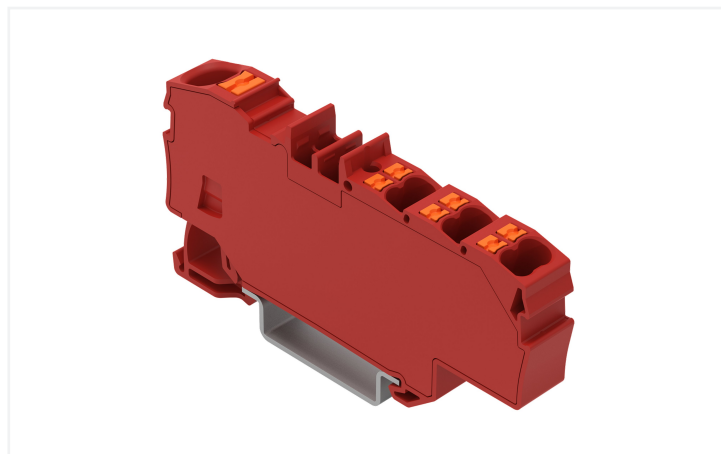# Data Sheet | Item Number: 2206-8033

**Distribution terminal block; with push-button; 1 x 6 mm² / 6 x 1.5 mm²; with integrated end plate; suitable for Ex e II applications; side and center marking; for DIN-rail 35 x 15 and 35 x 7.5; Push-in CAGE CLAMP®; 6,00 mm²; red**

https://www.wago.com/2206-8033



Color: ■ red





### TOPJOB® S Distribution Terminal Block

- Potential distribution up to 57 A and 800 V
- Combine with all TOPJOB® S Rail-Mount Terminal Blocks and accessories

## Electrical data

| Ratings per | IEC/EN 60947-7-1 | | |
|---|---|---|---|
| Overvoltage category | III | III | II |
| Pollution degree | 3 | 2 | 2 |
| Nominal voltage | 800 V | - | - |
| Rated surge voltage | 8 kV | - | - |
| Rated current | 41 A | - | - |
| Current at conductor cross-section (max.) mm² | 57 A | - | - |

| Power Loss | |
|---|---|
| Power loss, per pole (potential) | 1.3112 W |
| Rated current $I_N$ for specified power loss | 41 A |
| Resistance value for specified, current-dependent power loss | 0.00078 Ω |

## Connection data

| Connection data | |
|---|---|
| Clamping units | 7 |
| Total number of potentials | 1 |
| Number of levels | 1 |
| Number of jumper slots | 2 |

### Connection 1

| Connection 1 | |
|---|---|
| Connection type 1 | Input |
| Connection technology | Push-in CAGE CLAMP® |
| Number of connection points | 1 |
| Actuation type | Push-button |
| Connectable conductor materials | Copper |
| Nominal cross-section | 6 mm² |
| Solid conductor | 0.5 … 10 mm² / 20 … 8 AWG |
| Solid conductor; push-in termination | 2.5 … 10 mm² / 14 … 8 AWG |
| Fine-stranded conductor | 0.5 … 10 mm² / 20 … 8 AWG |
| Fine-stranded conductor; with insulated ferrule | 0.5 … 6 mm² / 20 … 10 AWG |
| Fine-stranded conductor; with ferrule; push-in termination | 2.5 … 6 mm² / 16 … 10 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 | 13 … 15 mm / 0.51 … 0.59 inches |
| Wiring direction | Front-entry wiring |

### Connection 2

| Connection 2 | |
|---|---|
| Connection type 2 | Output |
| Connection technology 2 | Push-in CAGE CLAMP® |
| Number of connection points 2 | 6 |
| Nominal cross-section 2 | 1.5 mm² |
| Solid conductor 2 | 0.25 … 2.5 mm² / 22 … 14 AWG |
| Solid conductor; push-in termination 2 | 0.75 … 2.5 mm² / 18 … 14 AWG |
| Fine-stranded conductor 2 | 0.25 … 2.5 mm² / 22 … 14 AWG |
| Fine-stranded conductor; with insulated ferrule 2 | 0.25 … 1.5 mm² / 22 … 16 AWG |
| Fine-stranded conductor; with ferrule; push-in termination; 2 | 0.75 … 1.5 mm² / 18 … 16 AWG |
| Strip length 2 | 9 … 11 mm / 0.35 … 0.43 inches |

## Physical data

| Physical data | |
|---|---|
| Width | 9 mm / 0.354 inches |
| Height | 73.8 mm / 2.905 inches |
| Depth from upper-edge of DIN-rail | 32.9 mm / 1.295 inches |

## Mechanical data

| Mechanical data | |
|---|---|
| Mounting type | DIN-35 rail |
| Marking level | Center/side marking |

## Material data

| | |
|---|---|
| Note (material data) | |
| | Information on material specifications can be found here |
| Color | red |
| Material group | I |
| Insulation material (main housing) | Polyamide (PA66) |
| Flammability class per UL94 | V0 |
| Clamping spring material | Chrome-nickel spring steel (CrNi) |
| Contact Plating | Tin |
| Fire load | 0.366 MJ |
| Actuator color | orange |
| Weight | 16.3 g |

## Environmental requirements

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

## Commercial data

| | |
|---|---|
| ETIM 9.0 | EC000897 |
| ETIM 8.0 | EC000897 |
| PU (SPU) | 12 pcs |
| Country of origin | DE |
| GTIN | 4066966185812 |
| Customs tariff number | 85369010000 |

## Environmental Product Compliance

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

## Approvals / Certificates

### General approvals

| Approval | Standard | Certificate Name |
|---|---|---|
| CCA<br>DEKRA Certification B.V. | EN 60947 | NTR NL-7957 |
| KEMA/KEUR<br>DEKRA Certification B.V. | EN 60947 | 71-125861 |
| UL<br>Underwriters Laboratories Inc. | C22.2 No. 158 | E45172 |

### Approvals for hazardous areas

| Approval | Standard | Certificate Name |
|---|---|---|
| AEx<br>Underwriters Laboratories Inc. | UL 60079 | E 185892 (AEx eb IIC, Ex eb IIC) |
| CCCEx<br>CQST/CNEx | GB/T 3836.3 | 2020312313000171 |

## Downloads

### Environmental Product Compliance

**Compliance Search**

Environmental Product
Compliance 2206-8033                                                          ↓

### Documentation

**Additional Information**

Technical Section                              pdf
                                               2246.92 KB                       ↓

### CAD/CAE-Data

**CAD data**

2D/3D Models
2206-8033                                      ↓

**CAE data**

EPLAN Data Portal
2206-8033                                      ↓

## 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.: 210-197**
Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; slotted; similar to EN 60715; silver-colored

**Item No.: 210-114**
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.: 210-113**
Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; unslotted; according to EN 60715; silver-colored

#### 1.1.2 Installation

##### 1.1.2.1 Cover

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

## 1.1.2.2 Cover carrier

**Item No.: 709-169**
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; suitable for 270 Series sensor and actuator terminal blocks; gray

## 1.1.3 Jumper

### 1.1.3.1 Jumper

**Item No.: 2001-402**
Jumper; 2-way; insulated; light gray

**Item No.: 2001-403**
Jumper; 3-way; insulated; light gray

**Item No.: 2001-404**
Jumper; 4-way; insulated; light gray

## 1.1.4 Marking

### 1.1.4.1 Group marker carrier

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

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

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

### 1.1.4.2 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

**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.: 793-5501/000-007**
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

## 1.1.4.2 Marker

**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.: 793-501/000-006**
WMB marking card; as card; not stretchable; plain; snap-on type; blue

**Item No.: 793-501/000-007**
WMB marking card; as card; not stretchable; plain; snap-on type; gray

**Item No.: 793-501/000-023**
WMB marking card; as card; not stretchable; plain; snap-on type; green

**Item No.: 793-501/000-017**
WMB marking card; as card; not stretchable; plain; snap-on type; light green

**Item No.: 793-501/000-012**
WMB marking card; as card; not stretchable; plain; snap-on type; orange

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

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

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

**Item No.: 793-501/000-002**
WMB marking card; as card; not stretchable; 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.: 2009-115/000-024**
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

## 1.1.4.3 Marker carrier

**Item No.: 2009-198**
Adaptor; gray

## 1.1.4.4 Marking strip

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

## 1.1.5 Screwless end stop

## 1.1.5.1 Mounting accessories

**Item No.: 249-117**
Screwless end stop; 10 mm wide; for DIN-rail 35 x 15 and 35 x 7.5; gray

**Item No.: 249-116**
Screwless end stop; 6 mm wide; for DIN-rail 35 x 15 and 35 x 7.5; gray

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## 1.1.6 Terminal blocks

### 1.1.6.1 Through terminal block

**Item No.: 2201-1301**
3-conductor through terminal block; with push-button; 1.5 mm²; with test port; side and center marking; for DIN-rail 35 x 15 and 35 x 7.5; Push-in CAGE CLAMP®; 1,50 mm²; gray

**Item No.: 2201-1401**
4-conductor through terminal block; with push-button; 1.5 mm²; with test port; side and center marking; for DIN-rail 35 x 15 and 35 x 7.5; Push-in CAGE CLAMP®; 1,50 mm²; gray

## 1.1.7 Test and measurement

### 1.1.7.1 Testing accessories

**Item No.: 2009-174**
Test plug adapter; for 4 mm Ø test plugs; for testing TOPJOB®S rail-mounted terminal blocks; gray

**Item No.: 210-136**
Test plug; 2 mm Ø; with 500 mm cable; red

**Item No.: 2009-182**
Testing tap; for max. 2.5 mm²; tool-free connection for individual test wires 0.08 - 2.5 mm; gray

## 1.1.8 Tool

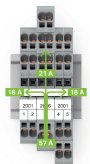### 1.1.8.1 Operating tool

**Item No.: 210-719**
Operating tool; Blade: 2.5 x 0.4 mm; with a partially insulated shaft

**Item No.: 210-721**
Operating tool; Blade: 5.5 x 0.8 mm; with a partially insulated shaft; multicoloured
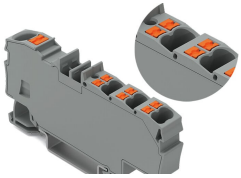
## Installation Notes

### Application

Commoning options for the 2006 Series Distribution Terminal Blocks and 2001 Series Terminal Blocks using 2001 Series Jumpers
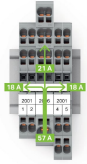**Note:**
The total current of the outgoing circuits must not exceed the nominal current of the push-in type jumper bar.

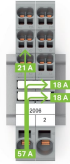A clear marking of clamping units is molded in.

## Application



Commoning options for the 2006 Series Distribution Terminal Blocks and 2001 Series Terminal Blocks using 2001 Series Jumpers
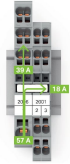**Note:**
The total current of the outgoing circuits must not exceed the nominal current of the push-in type jumper bar.



Commoning options for the 2006 Series Distribution Terminal Blocks and 2001 Series Terminal Blocks using 2001 Series Jumpers
**Note:**
The total current of the outgoing circuits must not exceed the nominal current of the push-in type jumper bar.



Commoning options for the 2006 Series Distribution Terminal Blocks and 2001 Series Terminal Blocks using 2001 Series Jumpers
**Note:**
The total current of the outgoing circuits must not exceed the nominal current of the push-in type jumper bar.

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

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

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