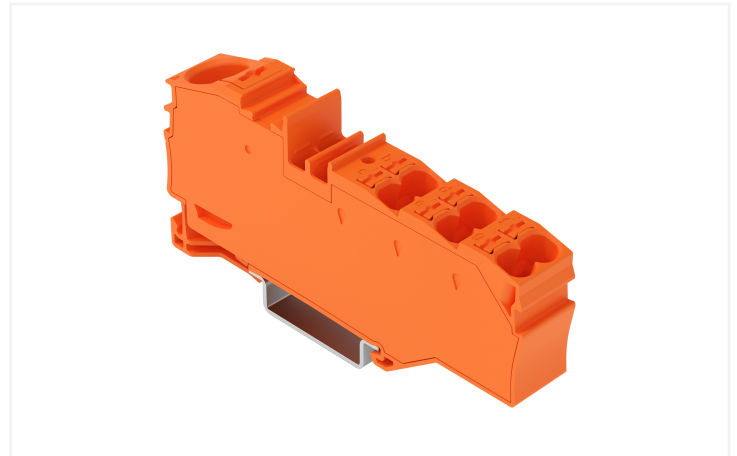
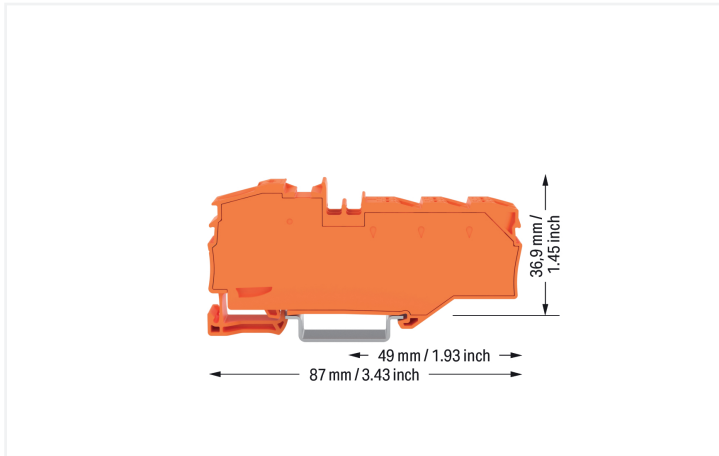


## Data Sheet | Item Number: 2216-8032

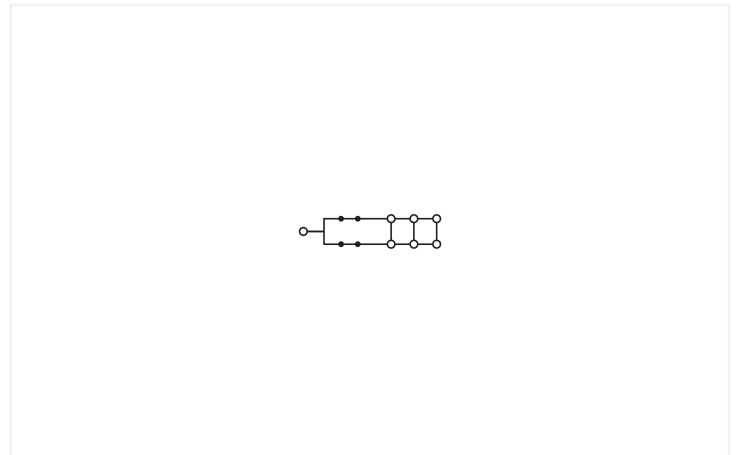
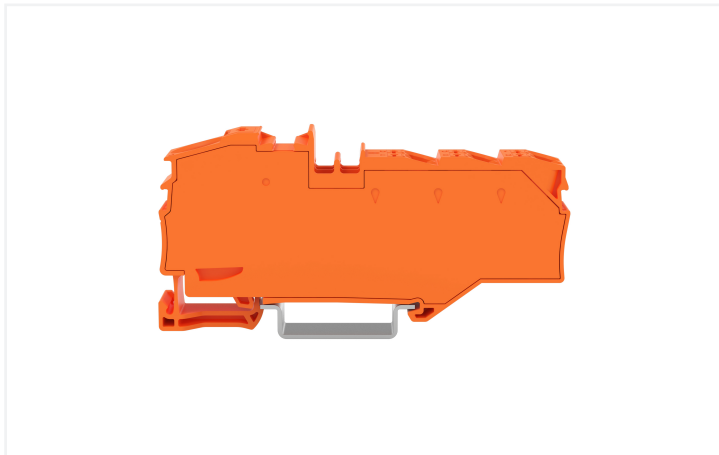
Distribution terminal block; with push-button; 1 x 16 mm<sup>2</sup> / 6 x 4 mm<sup>2</sup>; with integrated end plate; suitable for Ex e II applications; side and center marking; for DIN-rail 35 x 15 and 35 x 7.5; Push-in CAGE CLAMP®; 16,00 mm<sup>2</sup>; orange



<https://www.wago.com/2216-8032>



Color: ■ orange



### Distribution terminal block, 2216 Series, Push-in CAGE CLAMP®

This distribution terminal block (item number 2216-8032) provides hassle-free electrical installations. Ensure that the strip lengths are between 18 and 20 mm when connecting conductors to this distribution terminal block. Distribution terminal blocks allow you to distribute potentials with just one extremely compact terminal block. Their design also means you can connect larger conductor cross-sections on one side and several smaller conductor cross-sections on the other. Aside from potential distribution, these terminal blocks can also be used for potential collection. Featuring conductor terminals along with Push-in CAGE CLAMP® as well as Push-in CAGE CLAMP®, this product is highly versatile. Our Push-in CAGE CLAMP® is a universal, maintenance-free connection solution for all conductor types, boasting a key feature: both solid and fine-stranded conductors with ferrules can be directly inserted without the need for tools or any preparation, such as crimping the ferrule. The dimensions are (12.8 x 87 x 43.5) mm (width x height x depth). Depending on the type of conductor, this distribution terminal block is ideal for conductor cross sections ranging from 0.5 mm<sup>2</sup> to 16 mm<sup>2</sup> on one side and for conductor cross sections from 0.5 mm<sup>2</sup> to 6 mm<sup>2</sup> on the other side.

A push-button is used to operate this through rail-mount terminal block. Our TOPJOB® S rail-mount terminal blocks offer more than just secure electrical connections in a range of different industrial applications and modern building installations. They also offer the perfect actuation option for every use: lever, push-button, or operating slot. This product is designed for specific Ex applications (please refer to the product datasheet).

## Electrical data

Ratings per	IEC/EN 60664-1		
Overvoltage category	III	III	II
Pollution degree	3	2	2
Nominal voltage	800 V	-	-
Rated impulse withstand voltage	8 kV	-	-
Rated current	76 A	-	-
Current at conductor cross-section (max.) mm <sup>2</sup>	90 A	-	-

## Power Loss

Power loss, per pole (potential)	2.4259 W
Rated current $I_N$ for power loss specification	76 A

## Connection Data

Clamping units	7
Total number of potentials	1
Number of levels	1

## Connection 1

Connection type	Input
Connection technology	Push-in CAGE CLAMP®
Number of connection points	1
Actuation type	Push-button
Connectable conductor materials	Copper
Nominal cross-section	16 mm <sup>2</sup>
Solid conductor	0.5 ... 16 mm <sup>2</sup> / 20 ... 6 AWG
Solid conductor; push-in termination	6 ... 16 mm <sup>2</sup> / 10 ... 6 AWG
Fine-stranded conductor	0.5 ... 25 mm <sup>2</sup> / 20 ... 4 AWG
Fine-stranded conductor; with insulated ferrule	0.5 ... 16 mm <sup>2</sup> / 20 ... 6 AWG
Fine-stranded conductor; with uninsulated ferrule	0.5 ... 16 mm <sup>2</sup> / 20 ... 6 AWG
Fine-stranded conductor; with ferrule; push-in termination	6 ... 16 mm <sup>2</sup> / 10 ... 6 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	18 ... 20 mm / 0.71 ... 0.79 inches

## Connection 2

Connection type	Output
Connection technology	Push-in CAGE CLAMP®
Number of connection points	6
Solid conductor	0.5 ... 6 mm <sup>2</sup> / 20 ... 10 AWG
Solid conductor; push-in termination	1.5 ... 6 mm <sup>2</sup> / 16 ... 10 AWG
Stranded conductor	0.5 ... 6 mm <sup>2</sup> / 20 ... 10 AWG
Fine-stranded conductor	0.5 ... 6 mm <sup>2</sup> / 20 ... 10 AWG
Fine-stranded conductor; with insulated ferrule	0.5 ... 4 mm <sup>2</sup> / 20 ... 12 AWG
Fine-stranded conductor; with uninsulated ferrule	0.5 ... 4 mm <sup>2</sup> / 20 ... 12 AWG
Fine-stranded conductor; with ferrule; push-in termination	1.5 ... 4 mm <sup>2</sup> / 16 ... 12 AWG
Strip length	11 ... 13 mm / 0.43 ... 0.51 inches

### Physical data

Width	12.8 mm / 0.504 inches
Height	87 mm / 3.425 inches
Depth from upper-edge of DIN-rail	36.9 mm / 1.453 inches
Depth	43.5 mm / 1.713 inches

### Mechanical data

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

### Material data

Note (material data)	<a href="#">Information on material specifications can be found here</a>
Color	orange
Material group	I
Insulation material (main housing)	Polyamide (PA66)
Flammability class per UL94	V0
Clamping spring material	Chrome-nickel spring steel (CrNi)
Fire load	0.608 MJ
Weight	31.8 g

### Environmental requirements

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

### Commercial data

PU (SPU)	7 pcs
Packaging type	Box
Country of origin	PL
GTIN	4066966661538
Customs tariff number	85369010000

### Product Classification

UNSPSC	39121410
ETIM 9.0	EC000897
ETIM 10.0	EC000897
ECCN	NO US CLASSIFICATION

### Environmental Product Compliance

RoHS Compliance Status	Compliant, No Exemption
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## Downloads

## Environmental Product Compliance

## Compliance Search

Environmental Product  
Compliance 2216-8032



## CAD/CAE-Data

## CAD data

2D/3D Models  
2216-8032



## 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.:** [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

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



**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

### 1.1.4.2 Marker



**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

### 1.1.6 Test and measurement

#### 1.1.6.1 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 mm<sup>2</sup>; tool-free connection for individual test wires 0.08 - 2.5 mm; gray

### 1.1.7 Tool

#### 1.1.7.1 Operating tool



**Item No.: 210-719**

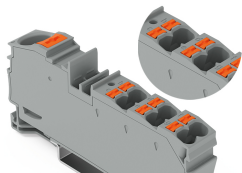
Operating tool; Blade: 2.5 x 0.4 mm; with a partially insulated shaft

**Item No.: 210-721**

Operating tool; Blade: 5.5 x 0.8 mm; with a partially insulated shaft; multicoloured

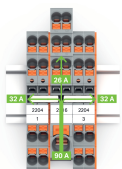
### Installation Notes

#### Application



A clear marking of clamping units is molded in.

#### Application



Commoning options for the 2216 Series Distribution Terminal Blocks and 2204 Series Terminal Blocks using 2004 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 2216 Series Distribution Terminal Blocks and 2202 Series Terminal Blocks using 2004 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 2216 Series Distribution Terminal Blocks and 2204 Series Terminal Blocks using 2004 Series Jumpers

**Note:**

The total current of the outgoing circuits must not exceed the nominal current of the push-in type jumper bar.