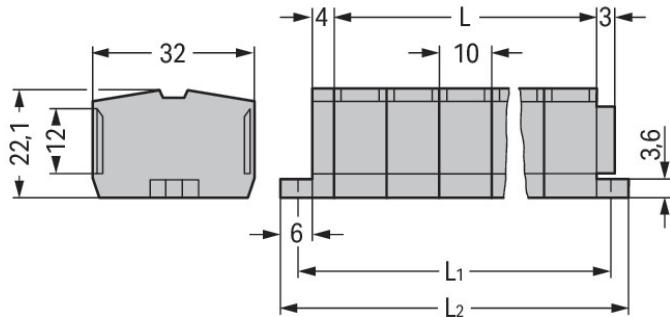




Color: ■ gray

Similar to illustration

 $L = \text{pole no.} \times \text{pole width}$   $L_1 = L + 9.6 \text{ mm}$   $L_2 = L + 16 \text{ mm}$ 

Dimensions in mm

Through terminal block, 264 Series, CAGE CLAMP®

Our through terminal block (item number 264-209) simplifies electrical installations. Whether in industrial or building applications, our rail-mount through terminal blocks are the perfect solution to quickly and securely connect electrical conductors. Depending on the model, you can use them for either typical through-wiring or potential distribution. Rated current and voltage are key factors to consider when choosing a mini rail-mount terminal block, as they indicate possible applications and uses. This product has a rated voltage of 800 V and a rated current of 24 A. Ensure that the strip lengths are between 8 mm and 9 mm when connecting conductors to this through terminal block. This product features conductor terminals and utilizes CAGE CLAMP®. Our CAGE CLAMP® connection offers a proven and maintenance-free way to connect all types of conductors. You do not need to prepare the conductor in any way, such as crimping ferrules. Depending on the type of conductor, this through terminal block is suitable for conductor cross sections ranging from 0.08 mm<sup>2</sup> to 2.5 mm<sup>2</sup>. Up to nine potentials / nine poles can be connected to this terminal strip using thirty-six clamping points on one level. The gray housing is made of polyamide (PA66) for insulation. An operating tool is used to operate this mini rail-mount terminal block. You can connect copper conductors via front-entry wiring.

### Electrical data

Ratings per IEC/EN	
Nominal voltage (III/3)	800 V
Rated impulse withstand voltage (III / 3)	8 kV
Rated current	24 A
Legend (ratings)	(III / 3) ≈ Overvoltage category III / Pollution degree 3

Approvals per		UL 1059		
Use group		B	C	D
Rated voltage		600 V	600 V	-
Rated current		20 A	20 A	-

Approvals per		CSA 22.2 No 158		
Use group	B	C	D	
Rated voltage	-	600 V	-	
Rated current	-	20 A	-	

**Connection data**

Clamping units	36
Total number of potentials	9
Number of levels	1

**Connection 1**

Connection technology	CAGE CLAMP®
Actuation type	Operating tool
Connectable conductor materials	Copper
Solid conductor	0.08 ... 2.5 mm <sup>2</sup> / 28 ... 12 AWG
Fine-stranded conductor	0.08 ... 2.5 mm <sup>2</sup> / 28 ... 12 AWG
Note (conductor cross-section)	12 AWG: THHN, THWN
Strip length	8 ... 9 mm / 0.31 ... 0.35 inches
Pole number	9
Wiring direction	Front-entry wiring

**Physical data**

Width	106 mm / 4.173 inches
Height	32 mm / 1.26 inches
Height from the surface	22.1 mm / 0.87 inches
Depth	22.1 mm / 0.87 inches
Module width	10 mm / 0.394 inches

**Mechanical data**

Design	horizontal type
Mounting type	Mounting flange
Marking level	Center marking

**Material data**

Note (material data)	<a href="#">Information on material specifications can be found here</a>
Color	gray
Material group	I
Insulation material (main housing)	Polyamide (PA66)
Flammability class per UL94	V0
Fire load	1.083 MJ
Halogen-free	Yes
Weight	58.6 g

**Environmental requirements**

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

**Commercial data**

eCl@ss 10.0	27-14-11-06
eCl@ss 9.0	27-14-11-06
ETIM 9.0	EC001284
ETIM 8.0	EC001284
PU (SPU)	50 pcs
Packaging type	Box
Country of origin	DE
GTIN	4044918418737
Customs tariff number	85369010000

## Environmental Product Compliance

RoHS Compliance Status

Compliant, No Exemption

## Approvals / Certificates

## General approvals



Approval	Standard	Certificate Name
CB DEKRA Certification B.V.	EN 60998	NL-49768
CCA DEKRA Certification B.V.	EN 60998	NTR NL-7342
CCA DEKRA Certification B.V.	EN 60998	2175624.01
CSA DEKRA Certification B.V.	C22.2	70010891
UR Underwriters Laboratories Inc.	UL 1059	E45172

## Declarations of conformity and manufacturer's declarations

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

## Approvals for marine applications



Approval	Standard	Certificate Name
ABS American Bureau of Shipping	-	19-HG1869868-PDA
DNV GL Det Norske Veritas, Germanischer Lloyd	-	TAE00001V2
LR Lloyds Register	IEC 60998	LR22173030TA

## Downloads

## Environmental Product Compliance

Compliance Search

Environmental Product Compliance 264-209



## Documentation

## Additional Information

Technical Section

pdf  
2246.92 KB

## Bid Text

264-209

19.02.2019

xml  
3.22 KB

264-209

14.06.2017

doc  
24.50 KB

## CAD/CAE-Data

## CAD data

2D/3D Models 264-209



## CAE data

EPLAN Data Portal  
264-209WSCAD Universe  
264-209

ZUKEN Portal 264-209



## 1 Compatible Products

## 1.1 Optional Accessories

## 1.1.1 Ferrule

## 1.1.1.1 Ferrule

[Item No.: 216-131](#)Ferrule; Sleeve for 0.25 mm<sup>2</sup> / AWG 24; uninsulated; electro-tin plated; silver-colored[Item No.: 216-201](#)Ferrule; Sleeve for 0.5 mm<sup>2</sup> / 20 AWG; insulated; electro-tin plated; electrolytic copper; acc. to DIN 46228, Part 4/09.90; white[Item No.: 216-101](#)Ferrule; Sleeve for 0.5 mm<sup>2</sup> / AWG 22; uninsulated; electro-tin plated; silver-colored[Item No.: 216-202](#)Ferrule; Sleeve for 0.75 mm<sup>2</sup> / 18 AWG; insulated; electro-tin plated; gray[Item No.: 216-102](#)Ferrule; Sleeve for 0.75 mm<sup>2</sup> / AWG 20; uninsulated; electro-tin plated; silver-colored[Item No.: 216-203](#)Ferrule; Sleeve for 1 mm<sup>2</sup> / AWG 18; insulated; electro-tin plated; red[Item No.: 216-103](#)Ferrule; Sleeve for 1 mm<sup>2</sup> / AWG 18; uninsulated; electro-tin plated[Item No.: 216-204](#)Ferrule; Sleeve for 1.5 mm<sup>2</sup> / AWG 16; insulated; electro-tin plated; black[Item No.: 216-104](#)Ferrule; Sleeve for 1.5 mm<sup>2</sup> / AWG 16; uninsulated; electro-tin plated; silver-colored[Item No.: 216-205](#)Ferrule; Sleeve for 2.08 mm<sup>2</sup> / AWG 14; insulated; electro-tin plated; yellow[Item No.: 216-206](#)Ferrule; Sleeve for 2.5 mm<sup>2</sup> / AWG 14; insulated; electro-tin plated; blue[Item No.: 216-106](#)Ferrule; Sleeve for 2.5 mm<sup>2</sup> / AWG 14; uninsulated; electro-tin plated; silver-colored

## 1.1.2 Installation

## 1.1.2.1 Cover

[Item No.: 709-153](#)

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

## 1.1.2.2 Cover carrier

[Item No.: 709-167](#)

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

## 1.1.3 Jumper

## 1.1.3.1 Jumper

[Item No.: 280-492](#)

Jumper; 2-way; insulated; gray

[Item No.: 264-402](#)

Jumper; for conductor entry; 2-way; insulated; gray

## 1.1.4 Marking

## 1.1.4.1 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

[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



## 1.1.5 Test and measurement

## 1.1.5.1 Testing accessories

[Item No.: 249-139](#)

Test plug module; without locking device; modular; for 4-conductor terminal blocks; gray

[Item No.: 210-136](#)

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

## 1.1.6 Tool

## 1.1.6.1 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

Item No.: 210-657

Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; short; multicoloured

Item No.: 209-130

Operating tool; made of insulating material; 1-way; for 264 Series (1-/2-way), 280, 281 Series (up to 3-way); natural

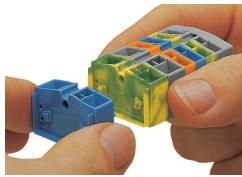
Item No.: 280-432

Operating tool; made of insulating material; 2-way; white



## Installation Notes

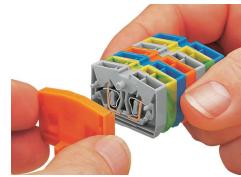
## Installation



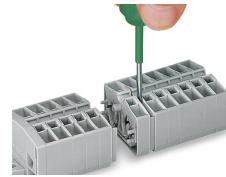
Assembling modular terminal blocks into terminal strips.



Mounting an "end terminal block" with mounting flange.



Mounting an end plate.



Removing a terminal block.

## Conductor termination

**CAGE CLAMP® connection**

Inserting a conductor.

With ferruled conductors, it is necessary to use a terminal block one size smaller than the conductor's nominal cross-section.

## Commoning



Commoning with comb-style jumper bar.

## Testing



Testing by touch contact to the CAGE CLAMP® spring (limited to 0.5 A and 48 V test voltage) – test pins are not protected against accidental contact.



Testing via CAGE CLAMP® on the current bar (max. nominal current: 6 A). CAGE CLAMP® clamps individual test contacts. The maximum test voltage is 400 V.



Terminal strip with mounting flanges:

- End plate with mounting flange
- Center terminal blocks
- End terminal block with mounting flange



Mounting and securing a terminal strip directly to the plate via screw-type flanges.

## Marking



Marking via Mini-WSB Quick Marking System.