

# Data Sheet | Item Number: 2624-3104

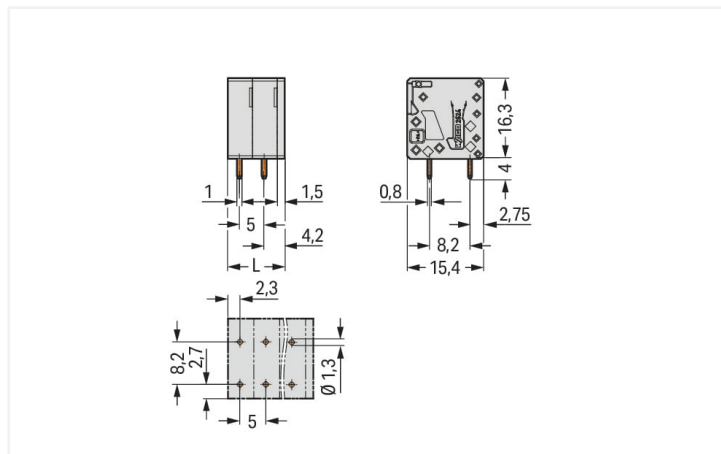
PCB terminal block; 4 mm<sup>2</sup>; Pin spacing 5 mm; 4-pole; Push-in CAGE CLAMP®; 4,00 mm<sup>2</sup>; gray

<https://www.wago.com/2624-3104>



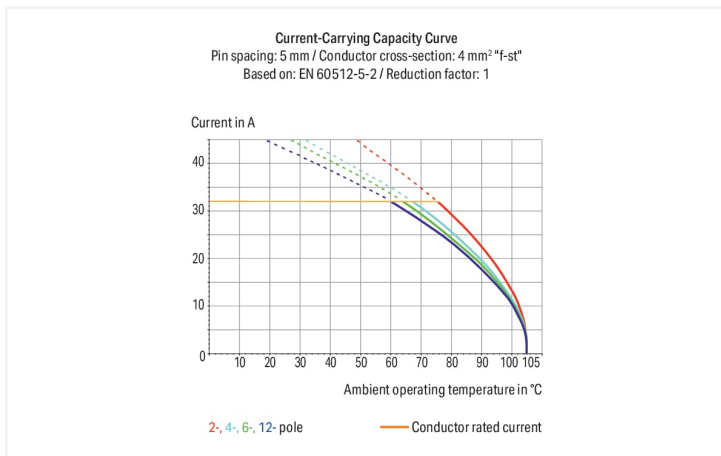
Color: ■ gray

Similar to illustration



Dimensions in mm

L = (pole no. - 1) x pin spacing + 6.5 mm



- PCB terminal blocks with Push-in CAGE CLAMP® connection
- Push-in termination of solid and ferruled conductors
- Ideal for panel feedthrough applications via operation parallel to conductor entry
- Testing can be performed both parallel and perpendicular to conductor entry

Notes	
Variants:	Other versions (or variants) can be requested from WAGO Sales or configured at <a href="https://configurator.wago.com/">https://configurator.wago.com/</a> . Other pole numbers Direct marking Other colors

Electrical data							
Ratings per	IEC/EN 60664-1			Approvals per	UL 1059		
Overvoltage category	III	III	II	Use group	B	C	D
Pollution degree	3	2	2	Rated voltage	300 V	-	300 V
Nominal voltage	320 V	400 V	630 V	Rated current	26 A	-	10 A
Rated surge voltage	4 kV	4 kV	4 kV				
Rated current	41 A	41 A	41 A				

Approvals per	CSA		
	B	C	D
Use group	B	C	D
Rated voltage	300 V	-	300 V
Rated current	26 A	-	5 A

## Connection data

Clamping units	4	<b>Connection 1</b>	
Total number of potentials	4	Connection technology	Push-in CAGE CLAMP®
Number of connection types	1	Actuation type	Operating tool
Number of levels	1	Solid conductor	0.2 ... 6 mm <sup>2</sup> / 24 ... 10 AWG
		Fine-stranded conductor	0.2 ... 6 mm <sup>2</sup> / 24 ... 10 AWG
		Fine-stranded conductor; with insulated ferrule	0.25 ... 2.5 mm <sup>2</sup>
		Fine-stranded conductor; with uninsulated ferrule	0.25 ... 2.5 mm <sup>2</sup>
		Fine-stranded conductor; with twin ferrule	0.25 ... 1.5 mm <sup>2</sup>
		Strip length	10 ... 12 mm / 0.39 ... 0.47 inches
		Conductor connection direction to PCB	90 °
		Pole number	4

## Physical data

Pin spacing	5 mm / 0.197 inches
Width	21.5 mm / 0.846 inches
Height	20.3 mm / 0.799 inches
Height from the surface	16.3 mm / 0.642 inches
Depth	15.4 mm / 0.606 inches
Solder pin length	4 mm
Solder pin dimensions	0.8 x 1 mm
Drilled hole diameter with tolerance	1.3 <sup>(±0.1)</sup> mm

## Mechanical data

Mounting type	Feed-through mounting
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## PCB contact

PCB contact	THT
Solder pin arrangement	over the entire terminal strip (in-line)
Number of solder pins per potential	2

## 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
Clamping spring material	Chrome-nickel spring steel (CrNi)
Contact material	Electrolytic copper (E <sub>Cu</sub> )
Contact Plating	Tin
Fire load	0.08 MJ
Weight	6.6 g

### Environmental requirements

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

### Commercial data

eCl@ss 10.0	27-44-04-01
eCl@ss 9.0	27-44-04-01
ETIM 9.0	EC002643
ETIM 8.0	EC002643
PU (SPU)	100 pcs
Packaging type	Box
Country of origin	PL
GTIN	4055143578769
Customs tariff number	85369010000

### Environmental Product Compliance

RoHS Compliance Status	Compliant, No Exemption
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### Approvals / Certificates

#### General approvals



Approval	Standard	Certificate Name
CB DEKRA Certification B.V.	IEC 60947-7-4	NL-61583
CSA DEKRA Certification B.V.	C22.2 No. 158	70117145
cURus Underwriters Laboratories Inc.	UL 1059	E45172
KEMA/KEUR DEKRA Certification B.V.	EN 60947-7-4	71-100535

#### Declarations of conformity and manufacturer's declarations



Approval	Standard	Certificate Name
Railway WAGO GmbH & Co. KG	-	Z00004415.000

### Downloads

#### Environmental Product Compliance

##### Compliance Search

Environmental Product  
Compliance 2624-3104



## Documentation

### Additional Information

Technical Section	03.04.2019	pdf 2027.26 KB	<a href="#">↓</a>
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## CAD/CAE-Data

### CAD data

2D/3D Models 2624-3104	<a href="#">↓</a>
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### CAE data

ZUKEN Portal 2624-3104	<a href="#">↓</a>
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## PCB Design

Symbol and Footprint via SamacSys 2624-3104	<a href="#">↓</a>
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Symbol and Footprint via Ultra Librarian 2624-3104	<a href="#">↓</a>
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## 1 Compatible Products

### 1.1 Optional Accessories

#### 1.1.1 Ferrule

##### 1.1.1.1 Ferrule



**Item No.: 216-241**  
 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



**Item No.: 216-242**  
 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



**Item No.: 216-262**  
 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



**Item No.: 216-243**  
 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



**Item No.: 216-263**  
 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



**Item No.: 216-244**  
 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



**Item No.: 216-264**  
 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



**Item No.: 216-246**  
 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



**Item No.: 216-266**  
 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



**Item No.: 216-106**  
 Ferrule; Sleeve for 2.5 mm<sup>2</sup> / AWG 14; un-insulated; electro-tin plated; silver-colored

## 1.1.2 Tool

### 1.1.2.1 Operating tool



**Item No.: 210-720**

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

## Installation Notes

### Conductor termination



Insert fine-stranded conductors and remove all conductor types via operating tool.

### Conductor termination



Insert solid conductors via push-in termination.