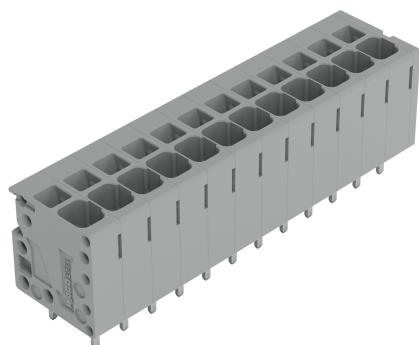
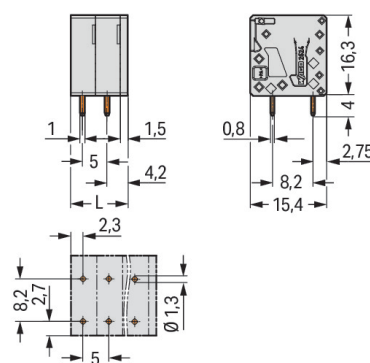
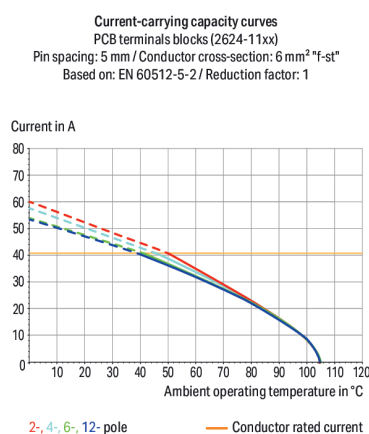
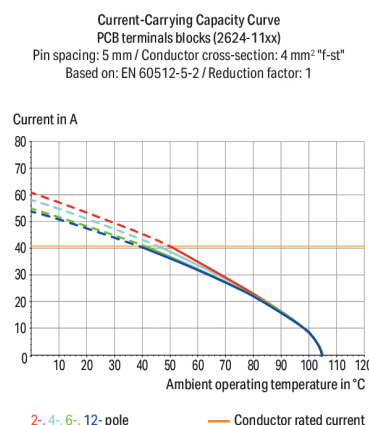


PCB terminal block; 4 mm²; Pin spacing 5 mm; 12-pole; Push-in CAGE CLAMP®; gray

<https://www.wago.com/2624-3112>



Color: gray



Dimensions in mm

$$L = (\text{pole no.} - 1) \times \text{pin spacing} + 6.5 \text{ mm}$$

PCB terminal block, 2624 Series, 90 °conductor entry to board

This PCB terminal block (item number 2624-3112) is designed to connect conductors quickly and easily. It is perfect for custom installations with different mounting types. Conductors should only be connected to this PCB terminal block if their strip length is between 10 and 12 mm. This product features one conductor terminal and utilizes Push-in CAGE CLAMP®. Push-in CAGE CLAMP® technology provides a universal connection solution for all conductor types. It allows both solid and fine-stranded conductors with ferrules to be inserted directly into the clamping point without the need for tools. Dimensions: (61.5 x 20.3 x 15.4) mm (width x height x depth). This PCB terminal block is suitable for conductor cross sections ranging from 0.2 mm² to 6 mm². The contact surface is coated with tin. This PCB terminal block is operated with an operating tool. THT is used to assemble the PCB terminal block. Insert the conductor at an angle of 90°.

Notes

Variants:

Other pole numbers

Direct marking

Other colors

Other version

Other versions (or variants) can be requested from WAGO Sales or configured at <https://configurator.wago.com/>.

Electrical data							
Ratings per				IEC/EN 60664-1			
Overvoltage category		III		III		II	
Pollution degree		3		2		2	
Nominal voltage		320 V		400 V		630 V	
Rated impulse withstand voltage		4 kV		4 kV		4 kV	
Rated current		41 A		41 A		41 A	

Approvals per				UL 1059			
Use group		B		C		D	
Rated voltage		300 V		-		300 V	
Rated current		26 A		-		10 A	

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

Connection Data							
Clamping units		12					
Total number of potentials		12					
Number of connection types		1					
Number of levels		1					

Connection 1	
Connection technology	Push-in CAGE CLAMP®
Actuation type	Operating tool
Solid conductor	0.2 ... 6 mm² / 24 ... 10 AWG
Fine-stranded conductor	0.2 ... 6 mm² / 24 ... 10 AWG
Fine-stranded conductor; with insulated fer-rule	0.25 ... 2.5 mm²
Fine-stranded conductor; with uninsulated ferrule	0.25 ... 2.5 mm²
Fine-stranded conductor; with twin ferrule	0.25 ... 1.5 mm²
Strip length	10 ... 12 mm / 0.39 ... 0.47 inches
Conductor connection direction to PCB	90 °
Pole number	12

Physical data	
Pin spacing	5 mm / 0.197 inches
Width	61.5 mm / 2.421 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	1.3 (+0.1) mm

Mechanical data	
Mounting type	Feed-through mounting
Suitable for through-panel applications	Yes



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)		Information on material specifications can be found here
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 _{Cu})
Contact Plating		Tin
Fire load		0.223 MJ
Weight		19.2 g

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

Commercial data		
PU (SPU)		30 pcs
Packaging type		Box
Country of origin		PL
GTIN		4066966485028
Customs tariff number		85369010000

Product Classification		
UNSPSC		39121409
eCl@ss 10.0		27-44-04-01
eCl@ss 9.0		27-44-04-01
ETIM 9.0		EC002643
ETIM 10.0		EC002643
ECCN		NO US CLASSIFICATION

Environmental Product Compliance		
RoHS Compliance Status		Compliant, No Exemption



Approvals / Certificates

General approvals			Declarations of conformity and manufacturer's declarations		
Approval	Standard	Certificate Name	Approval	Standard	Certificate Name
CB DEKRA Certification B.V.	IEC 60947-7-4	NL-61583	Railway WAGO GmbH & Co. KG	-	Z00004415.000
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			

Downloads

Environmental Product Compliance	
Compliance Search	
Environmental Product Compliance 2624-3112	

Documentation

Additional Information			
Technical Section	03.04.2019	pdf 2027.26 KB	

CAD/CAE-Data

CAD data	CAE data
2D/3D Models 2624-3112	ZUKEN Portal 2624-3112

PCB Design	
Symbol and Footprint via SamacSys 2624-3112	
Symbol and Footprint via Ultra Librarian 2624-3112	



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 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	Item No.: 216-106 Ferrule; Sleeve for 2.5 mm² / AWG 14; uninsulated; 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.

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

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