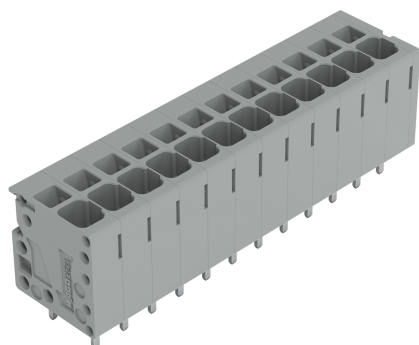


Data Sheet | Item Number: 2624-3112

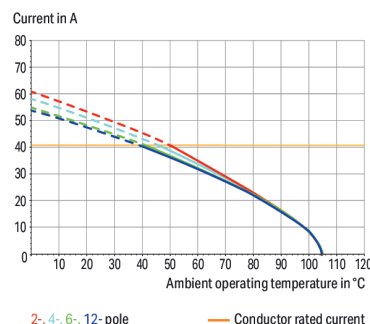
PCB terminal block; 4 mm²; Pin spacing 5 mm; 12-pole; Push-in CAGE CLAMP®; gray

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

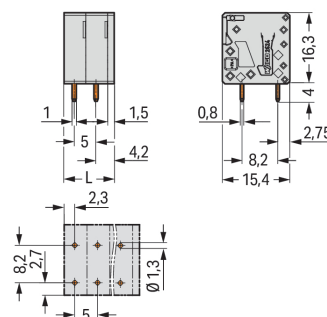
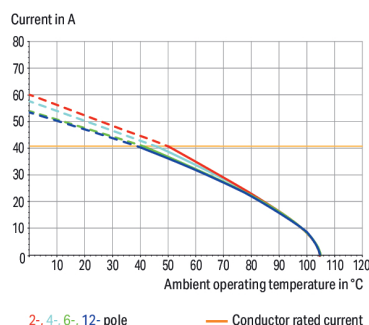


Color: ■ gray

Current-Carrying Capacity Curve
PCB terminals blocks (2624-11xx)
Pin spacing: 5 mm / Conductor cross-section: 4 mm² "f-st"
Based on: EN 60512-5-2 / Reduction factor: 1



Current-carrying capacity curves
PCB terminals blocks (2624-11xx)
Pin spacing: 5 mm / Conductor cross-section: 6 mm² "f-st"
Based on: EN 60512-5-2 / Reduction factor: 1



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

PCB terminal block, 2624 Series, with 5 mm pin spacing

This PCB terminal block (item number 2624-3112) is designed for quick and simple connections. It is perfect for custom installations with different mounting types. Ensure that the strip lengths are between 10 and 12 mm when connecting conductors to this PCB terminal block. This product incorporates 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. The dimensions are (61.5 x 20.3 x 15.4) mm (width x height x depth). Depending on the conductor type, this PCB terminal block is ideal for conductor cross sections ranging from 0.2 mm² to 6 mm².

Perfect termination for all conductor types thanks to Push-in CAGE CLAMP®

The contact surface is tin-coated This PCB terminal block is operated with an operating tool. The PCB terminal block is designed for THT soldering. The conductor is designed to be inserted at an angle of 90°..

- Reliable soldering thanks to THT
- The right solution for every wiring task
- Ready to install, immediately usable
- Actuation via operating tool
- Number of poles: 12



Notes	
General safety information	NOTICE: Observe installation and safety instructions!
Other pole numbers Direct marking Other colors Other versions (or variants) can be requested from WAGO Sales or configured at https://configurator.wago.com/ .	To be sold only with installation instructions!
Variants:	

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 ferrule	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

Environmental Product Compliance 2624-3112



Handling and Safety Instructions of PCB Terminal Blocks with Push-In Cage Clamp

pdf
393.90 KB



Technical Section

03.04.2019

pdf
2027.26 KB

2D/3D Models
2624-3112



ZUKEN Portal 2624-3112



Symbol and Footprint via
SamacSys 2624-3112



Symbol and Footprint via
Ultra Librarian
2624-3112



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