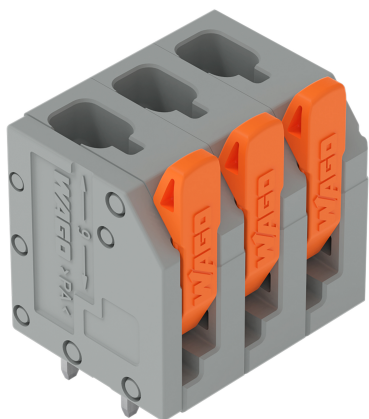


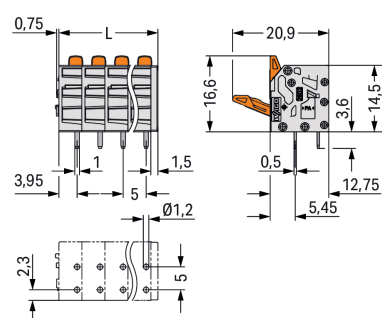
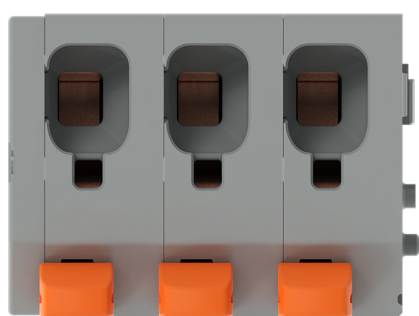
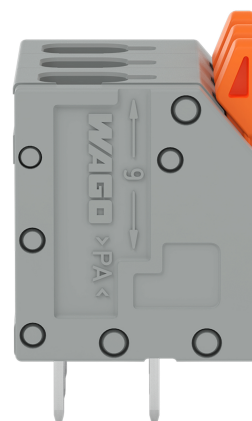
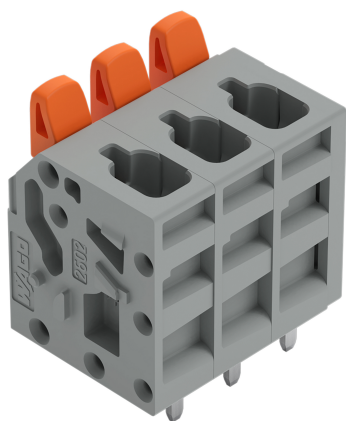
Data Sheet | Item Number: 2602-3103

PCB terminal block; lever; 2.5 mm²; Pin spacing 5 mm; 3-pole; Push-in CAGE CLAMP®; 2,50 mm²; gray

<https://www.wago.com/2602-3103>



Color: ■ gray



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

PCB terminal block, 2602 Series, Push-in CAGE CLAMP®

Connect conductors quickly and easily with this PCB terminal block (item number 2602-3103). It is a universal connector that can be used almost anywhere, e.g., as a pluggable PCB connector, panel feedthrough header, connector for rail-mount terminal blocks, or a floating connector for different mounting methods. Ensure that the strip lengths are between 8 and 9 mm when connecting conductors to this PCB terminal block. This product features one conductor terminal and

utilizes Push-in CAGE CLAMP®. Push-in CAGE CLAMP® technology provides a universal connection solution for any type of conductor. 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 (16.5 x 20.2 x 12.75) mm (width x height x depth). Depending on the type of conductor, this PCB terminal block is ideal for conductor cross sections ranging from 0.14 mm² to 2.5 mm².

Tin is used for coating the contact surfaces. This PCB terminal block is operated with a lever. The PCB terminal block is designed for THT soldering. Insert the conductor at an angle of 90°..

Notes	
Variants:	Other pole numbers Direct marking Other colors 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	320 V	630 V
Rated impulse withstand voltage	4 kV	4 kV	4 kV
Rated current	24 A	24 A	24 A

Connection Data																				
Clamping units	3	Connection 1 <table><tr><td>Connection technology</td><td>Push-in CAGE CLAMP®</td></tr><tr><td>Actuation type</td><td>Lever</td></tr><tr><td>Solid conductor</td><td>0.14 ... 2.5 mm² / 26 ... 14 AWG</td></tr><tr><td>Fine-stranded conductor</td><td>0.14 ... 2.5 mm² / 26 ... 14 AWG</td></tr><tr><td>Fine-stranded conductor; with insulated ferrule</td><td>0.25 ... 1 mm²</td></tr><tr><td>Fine-stranded conductor; with uninsulated ferrule</td><td>0.25 ... 1.5 mm²</td></tr><tr><td>Strip length</td><td>8 ... 9 mm / 0.31 ... 0.35 inches</td></tr><tr><td>Conductor connection direction to PCB</td><td>90 °</td></tr><tr><td>Pole number</td><td>3</td></tr></table>	Connection technology	Push-in CAGE CLAMP®	Actuation type	Lever	Solid conductor	0.14 ... 2.5 mm² / 26 ... 14 AWG	Fine-stranded conductor	0.14 ... 2.5 mm² / 26 ... 14 AWG	Fine-stranded conductor; with insulated ferrule	0.25 ... 1 mm²	Fine-stranded conductor; with uninsulated ferrule	0.25 ... 1.5 mm²	Strip length	8 ... 9 mm / 0.31 ... 0.35 inches	Conductor connection direction to PCB	90 °	Pole number	3
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Strip length	8 ... 9 mm / 0.31 ... 0.35 inches																			
Conductor connection direction to PCB	90 °																			
Pole number	3																			
Total number of potentials	3																			
Number of connection types	1																			
Number of levels	1																			

Physical data	
Pin spacing	5 mm / 0.197 inches
Width	16.5 mm / 0.65 inches
Height	20.2 mm / 0.795 inches
Height from the surface	16.6 mm / 0.654 inches
Depth	12.75 mm / 0.502 inches
Solder pin length	3.6 mm
Solder pin dimensions	0.5 x 1 mm
Drilled hole diameter	1.2 (+0.1) mm



PCB contact		
PCB contact		THT
Solder pin arrangement		within the terminal block (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		0.056 MJ
Actuator color		orange
Weight		3.2 g

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

Commercial data		
PU (SPU)		110 pcs
Packaging type		Box
Country of origin		IN
GTIN		4066966728385
Customs tariff number		85369010000

Product Classification		
UNSPSC		39121409
ETIM 9.0		EC002643
ETIM 10.0		EC002643
ECCN		NO US CLASSIFICATION

Environmental Product Compliance		
RoHS Compliance Status		Compliant, No Exemption



Downloads

Environmental Product Compliance

Compliance Search			
Environmental Product Compliance 2602-3103			

Documentation

Additional Information			
Technical Section	03.04.2019	pdf 2027.26 KB	

CAD/CAE-Data

CAD data			
2D/3D Models 2602-3103			

Installation Notes

Conductor termination



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

Conductor termination



Insert solid conductors via push-in termination.