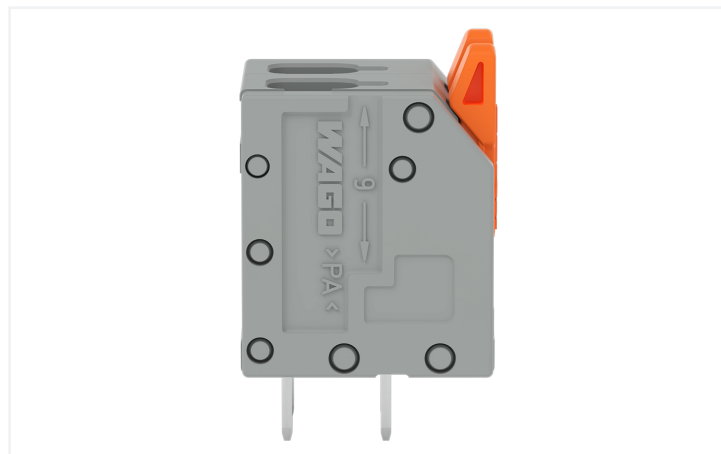
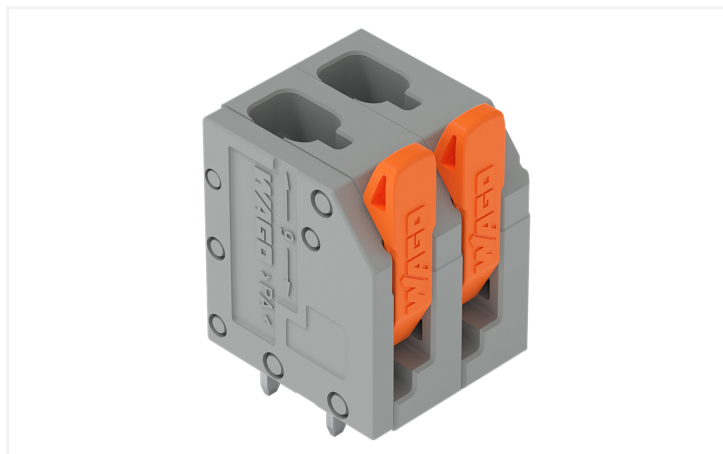


Data Sheet | Item Number: 2602-3102

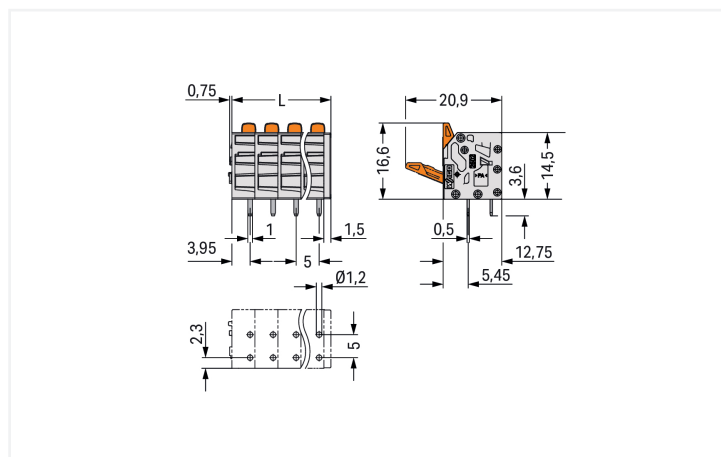
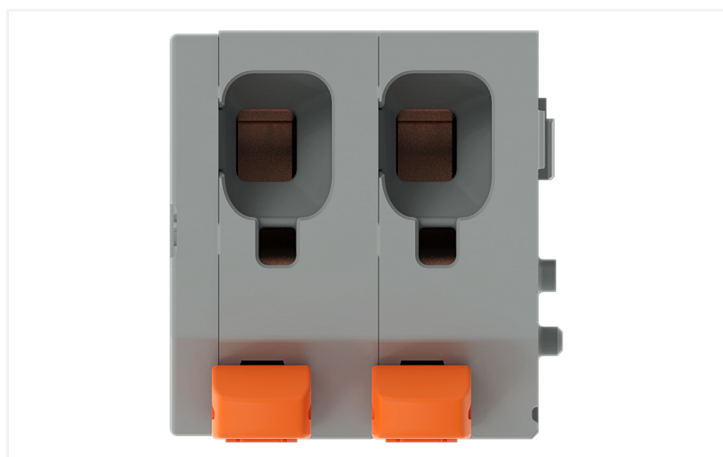
PCB terminal block; lever; 2.5 mm²; Pin spacing 5 mm; 2-pole; Push-in CAGE

CLAMP®; 2,50 mm²; gray

<https://www.wago.com/2602-3102>



Color: ■ gray



Dimensions in mm

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

PCB terminal block, 2602 Series, solder pin dimensions 0.5 x 1 mm

This PCB terminal block (item number 2602-3102) is designed to connect conductors quickly and easily. You can rely on trusted safety with these PCB terminal blocks, perfect for a wide variety of applications when designing your devices. Strip lengths must be 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® con-

nection technology is ideal for connecting all conductor types. Solid and fine-stranded conductors with ferrules can be plugged in without needing to use any tools—all thanks to its pluggable design. The item's dimensions are (11.5 x 20.2 x 12.75) mm (width x height x depth). This PCB terminal block is suitable 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 a 90° angle..

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	2
Total number of potentials	2
Number of connection types	1
Number of levels	1

Connection 1	
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	2

Physical data	
Pin spacing	5 mm / 0.197 inches
Width	11.5 mm / 0.453 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		0.039 MJ
Actuator color		orange
Weight		2.2 g

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

Commercial data		
PU (SPU)		160 pcs
Packaging type		Box
Country of origin		IN
GTIN		4066966728095
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 2602-3102			

Documentation

Additional Information			
Technical Section	03.04.2019	pdf 2027.26 KB	

CAD/CAE-Data

CAD data			
2D/3D Models 2602-3102			

Installation Notes

Conductor termination



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

Conductor termination



Insert solid conductors via push-in termination.