

Data Sheet | Item Number: 2601-3303

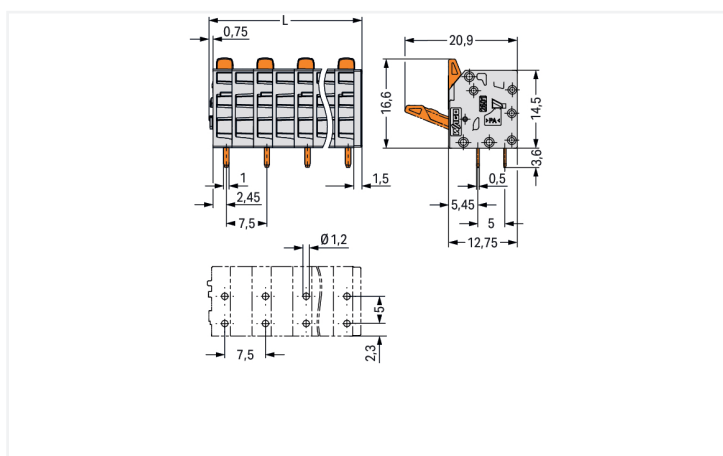
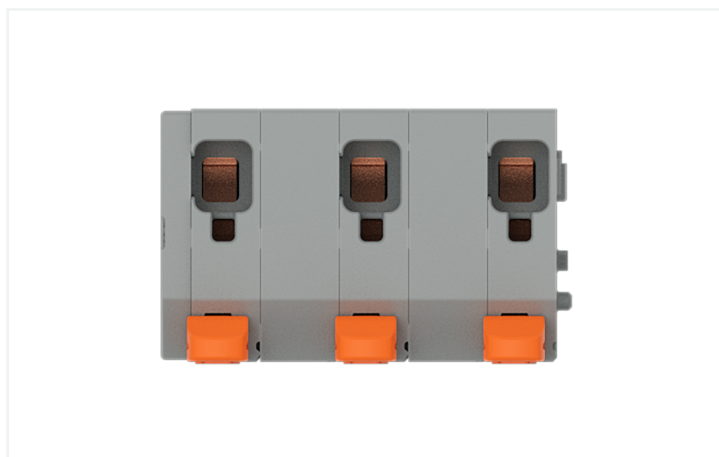
PCB terminal block; lever; 1.5 mm²; Pin spacing 7.5 mm; 3-pole; Push-in CAGE

CLAMP®; 1,50 mm²; gray

<https://www.wago.com/2601-3303>



Color: ■ gray



$L = (\text{pole no.} - 1) \times \text{pin spacing} + 5 \text{ mm}$

PCB terminal block, 2601 Series, 90° conductor entry to board

This PCB terminal block (item number 2601-3303) is designed for quick and simple connections. It is a universal connector that can be used practically anywhere, for example, as a pluggable PCB connector, panel feedthrough header, connector for rail-mount terminal blocks, or a floating connector for different mounting methods. Strip lengths must be between 8 and 9 mm when connecting conductors to this PCB terminal block. Featuring one con-

ductor terminal along with Push-in CAGE CLAMP®, this product delivers reliable performance. Our Push-in CAGE CLAMP® is a universal, maintenance-free connection solution for all conductor types, featuring a winning design: It allows direct insertion of both solid and fine-stranded conductors with ferrules without needing tools. No preparation is required; for example, crimping the conductor's ferrule is not necessary. Dimensions: (22.3 x 20.2 x 12.8) mm (width x height x depth). Depending on the type of conductor, this PCB terminal block is suitable for conductor cross sections ranging from 0.14 mm² to 2.5 mm².

The contact surface is coated with tin. A lever is used to operate this PCB terminal block. 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		500 V	1000 V	1000 V
Rated impulse withstand voltage		6 kV	6 kV	6 kV
Rated current		17.5 A	17.5 A	17.5 A
Approvals per		UL 1059		
Use group		B	C	D
Rated voltage		300 V	150 V	300 V
Rated current		15 A	15 A	10 A
Approvals per		CSA		
Use group		B	C	D
Rated voltage		300 V	150 V	300 V
Rated current		15 A	15 A	10 A

Connection Data	
Clamping units	3
Total number of potentials	3
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
Solid conductor; push-in termination	0.5 ... 2.5 mm² / 22 ... 14 AWG
Fine-stranded conductor	0.14 ... 1.5 mm² / 26 ... 14 AWG
Fine-stranded conductor; with insulated ferrule	0.25 ... 0.75 mm²
Fine-stranded conductor; with uninsulated ferrule	0.25 ... 1.5 mm²
Note (conductor cross-section)	For conductors (26 AWG) that are not rigid enough, the clamping unit must be opened using a lever.
Strip length	8 ... 9 mm / 0.31 ... 0.35 inches
Conductor connection direction to PCB	90 °
Pole number	3



Physical data		
Pin spacing		7.5 mm / 0.295 inches
Width		22.3 mm / 0.876 inches
Height		20.2 mm / 0.794 inches
Height from the surface		16.6 mm / 0.653 inches
Depth		12.8 mm / 0.502 inches
Solder pin length		3.6 mm
Solder pin dimensions		1 x 0.5 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		0.055 MJ
Weight		3.3 g

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

Commercial data		
PU (SPU)		100 pcs
Packaging type		Box
Country of origin		PL
GTIN		4066966242997
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

Approvals / Certificates

General approvals



Approval	Standard	Certificate Name
CB DEKRA Certification B.V.	IEC 60947-7-4	NL-86025
CSA CSA Group	C22.2	80120532
KEMA/KEUR DEKRA Certification B.V.	EN 60947-7-4	71-127124
UL Underwriters Laboratories Inc.	UL 1059	E45172

Downloads

Environmental Product Compliance

Compliance Search	
Environmental Product Compliance 2601-3303	

Documentation

Additional Information			
Technical Section	03.04.2019	pdf 2027.26 KB	

CAD/CAE-Data

PCB Design	
Symbol and Footprint via SamacSys 2601-3303	
Symbol and Footprint via Ultra Librarian 2601-3303	