

Data Sheet | Item Number: 2601-3503

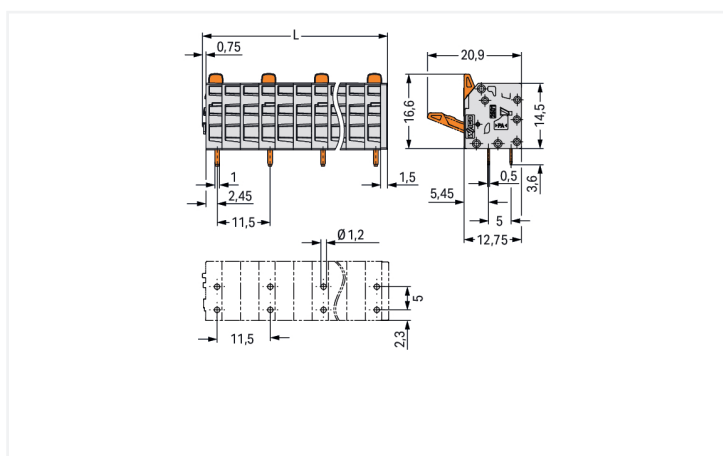
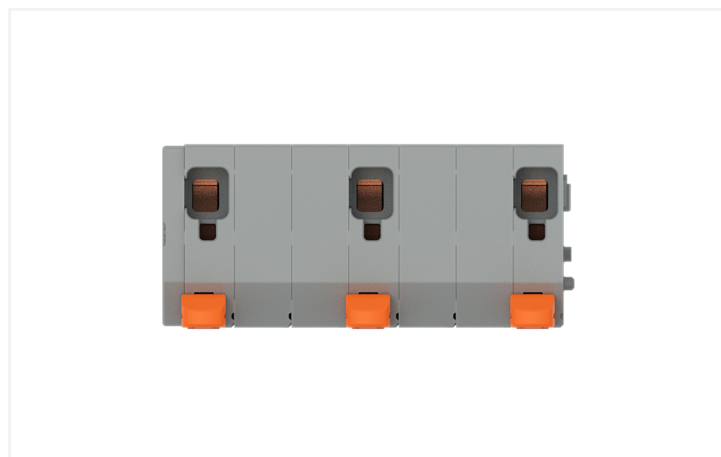
PCB terminal block; lever; 1.5 mm²; Pin spacing 11.5 mm; 3-pole; Push-in CAGE

CLAMP®; 1,50 mm²; gray

<https://www.wago.com/2601-3503>



Color: ■ gray



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

PCB terminal block, 2601 Series, gray

Our PCB terminal block (item number 2601-3503) makes connecting wires quick and easy. 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. 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. Dimensions: (30.3 x 20.2 x 12.8) mm (width x height x depth). Depending on the type of conductor, this PCB terminal block is designed for conductor cross sections ranging from 0.14 mm² to 2.5 mm².

Tin is used for coating the contact surfaces. A lever is used to operate this PCB terminal block. THT is used to solder the PCB terminal block. The conductor is designed to be inserted 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		800 V	1000 V	1000 V
Rated impulse withstand voltage		8 kV	8 kV	8 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	300 V	600 V
Rated current		15 A	15 A	15 A
Approvals per		CSA		
Use group		B	C	D
Rated voltage		300 V	300 V	600 V
Rated current		15 A	15 A	15 A

Connection Data		
Clamping units	3	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	11.5 mm / 0.453 inches
Width	30.3 mm / 1.191 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	0.075 MJ
Weight	4.1 g

Environmental requirements

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

Commercial data

PU (SPU)	70 pcs
Packaging type	Box
Country of origin	PL
GTIN	4066966243253
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 2601-3503	

Documentation

Additional Information			
Technical Section	03.04.2019	pdf 2027.26 KB	

CAD/CAE-Data

PCB Design	
Symbol and Footprint via SamacSys 2601-3503	
Symbol and Footprint via Ultra Librarian 2601-3503	