

Data Sheet | Item Number: 2601-3506

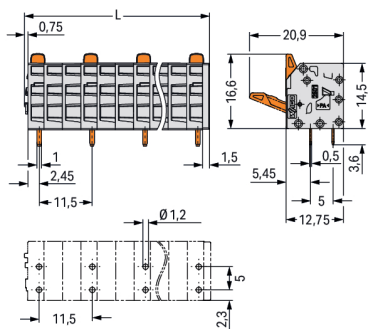
PCB terminal block; lever; 1.5 mm²; Pin spacing 11.5 mm; 6-pole; Push-in CAGE

CLAMP®; 1,50 mm²; gray

<https://www.wago.com/2601-3506>



Color: gray


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

PCB terminal block, 2601 Series, solder pin dimensions 1 x 0.5 mm

Our PCB terminal block (item number 2601-3506) simplifies electrical installations. 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 con-



ductor 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 item's dimensions are (64.8 x 20.2 x 12.8) mm (width x height x depth). Depending on the conductor type, this PCB terminal block is designed for conductor cross sections ranging from 0.14 mm² to 2.5 mm².

The contact surface is coated with tin. This PCB terminal block is operated with a lever. The PCB terminal block is designed for THT soldering. The conductor is designed to be inserted 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			Approvals per		UL 1059		
Overvoltage category		III	III	II	Use group		B	C	D
Pollution degree		3	2	2	Rated voltage		300 V	300 V	600 V
Nominal voltage		800 V	1000 V	1000 V	Rated current		15 A	15 A	15 A
Rated impulse withstand voltage		8 kV	8 kV	8 kV					
Rated current		17.5 A	17.5 A	17.5 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	6	Connection 1	
Total number of potentials	6	Connection technology	Push-in CAGE CLAMP®
Number of connection types	1	Actuation type	Lever
Number of levels	1	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	6



Physical data		
Pin spacing		11.5 mm / 0.453 inches
Width		64.8 mm / 2.549 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		0.165 MJ
Weight		8.7 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		4066966243345
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 2601-3506	

Documentation

Additional Information			
Technical Section	03.04.2019	pdf 2027.26 KB	

CAD/CAE-Data

PCB Design	
Symbol and Footprint via SamacSys 2601-3506	
Symbol and Footprint via Ultra Librarian 2601-3506	

Subject to changes. Please also observe the further product documentation!