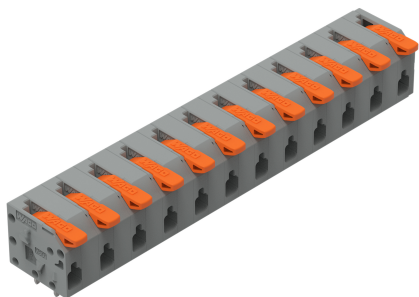


Data Sheet | Item Number: 2601-1312

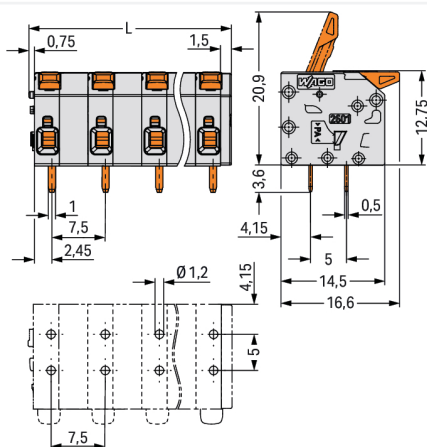
PCB terminal block; lever; 1.5 mm²; Pin spacing 7.5 mm; 12-pole; Push-in CAGE

CLAMP®; 1,50 mm²; gray

<https://www.wago.com/2601-1312>



Color: ■ gray



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

PCB terminal block, 2601 Series, gray

Easily, quickly and safely connect conductors with this PCB terminal block (item number 2601-1312). You can rely on tried and tested safety with these PCB terminal blocks, perfect for a wide variety of applications when designing your devices. 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®. Our Push-in CAGE

CLAMP® is a universal, maintenance-free connection solution for all conductor types, offering a key advantage: 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. The item's dimensions are (89.8 x 16.35 x 16.58) mm (width x height x depth). Depending on the conductor type, this PCB terminal block is ideal 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 into the board at an angle of 0°.

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	12	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 0° Pole number 12

Physical data

Pin spacing	7.5 mm / 0.295 inches
Width	89.8 mm / 3.533 inches
Height	16.35 mm / 0.644 inches
Height from the surface	12.75 mm
Depth	16.58 mm / 0.653 inches
Solder pin length	3.6 mm
Solder pin dimensions	1 x 0.5 mm
Drilled hole diameter with tolerance	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	0.247 MJ
Weight	13.5 g

Environmental requirements

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

Commercial data

PU (SPU)	20 pcs
Packaging type	Box
Country of origin	PL
GTIN	4066966241983
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 2601-1312	

Documentation

Additional Information			
Technical Section	03.04.2019	pdf 2027.26 KB	

CAD/CAE-Data

CAD data	PCB Design
2D/3D Models 2601-1312	Symbol and Footprint via SamacSys 2601-1312
	Symbol and Footprint via Ultra Librarian 2601-1312