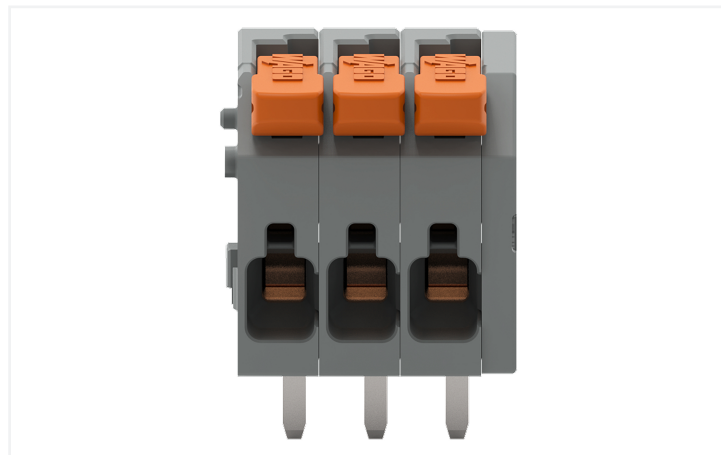


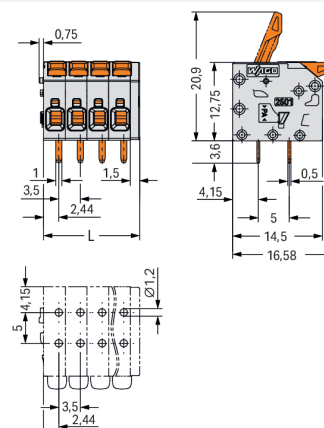
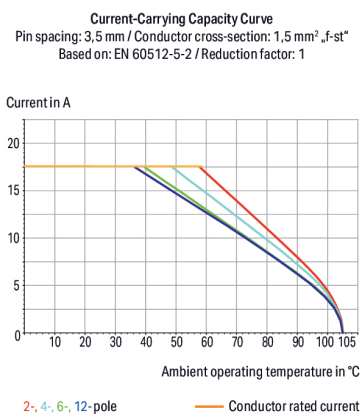
Data Sheet | Item Number: 2601-1103

PCB terminal block; lever; 1.5 mm²; Pin spacing 3.5 mm; 3-pole; Push-in CAGE CLAMP®; 1,50 mm²; gray

<https://www.wago.com/2601-1103>



Color: gray



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

PCB terminal block, 2601 Series, Push-in CAGE CLAMP®

Easily, quickly and safely connect conductors with this PCB terminal block (item number 2601-1103). It is a universal connector that can be used practically anywhere, e.g., 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 incorporates one conductor terminal

and utilizes Push-in CAGE CLAMP®. Push-in CAGE CLAMP® connection technology is ideal for connecting all conductor types. It allows direct insertion of both solid and fine-stranded conductors with ferrules without needing to use any tools—all thanks to its pluggable design. The dimensions are (12 x 16.35 x 16.58) mm (width x height x depth). This PCB terminal block is suitable for conductor cross sections ranging from 0.14 mm² to 1.5 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 into the board at a 0° angle..

Notes	
General safety information	NOTICE: Observe installation and safety instructions!
	To be sold only with installation instructions!
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 60947-7-4		
Overvoltage category		III	III	II
Pollution degree		3	2	2
Nominal voltage		200 V	500 V	500 V
Rated impulse withstand voltage		2.5 kV	2.5 kV	2.5 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
Rated current		15 A	-	10 A
Approvals per		CSA		
Use group		B	C	D
Rated voltage		300 V	-	300 V
Rated current		10 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 ... 1.5 mm² / 26 ... 14 AWG
Solid conductor; push-in termination	0.5 ... 1.5 mm² / 22 ... 14 AWG
Fine-stranded conductor	0.14 ... 1.5 mm² / 26 ... 14 AWG
Fine-stranded conductor; with insulated fer- rule	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	3



Physical data		
Pin spacing		3.5 mm / 0.138 inches
Width		12 mm / 0.472 inches
Height		16.35 mm / 0.644 inches
Height from the surface		12.75 mm / 0.502 inches
Depth		16.58 mm / 0.653 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		over the entire terminal strip (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		0.038 MJ
Actuator color		orange
Weight		2.5 g

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

Commercial data		
PU (SPU)		160 pcs
Packaging type		Box
Country of origin		PL
GTIN		4066966241877
Customs tariff number		85369010000

Product Classification		
UNSPSC		39121409
ETIM 9.0		EC002643
ETIM 10.0		EC002643
ECCN		NO US CLASSIFICATION

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

Environmental Product Compliance

Environmental Product Compliance 2601-1103

Safety Data Sheet		
Handling and Safety Instructions of PCB Terminal Blocks with Push-In Cage Clamp	pdf 393.90 KB	

Additional Information			
Technical Section	03.04.2019	pdf 2027.26 KB	

CAD data	
2D/3D Models 2601-1103	

PCB Design	
Symbol and Footprint via SamacSys 2601-1103	
Symbol and Footprint via Ultra Librarian 2601-1103	