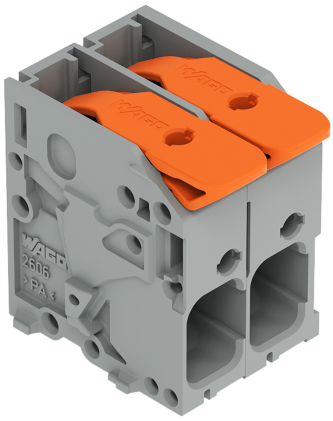
Data Sheet | Item Number: 2606-1102/020-004

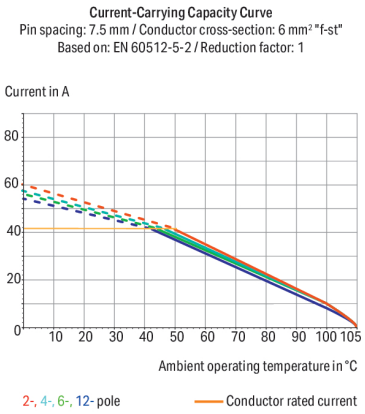
PCB terminal block; lever; 6 mm²; Pin spacing 7.5 mm; 2-pole; Push-in CAGE CLAMP®; black

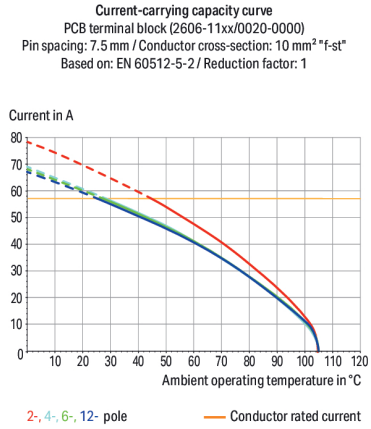
https://www.wago.com/2606-1102/020-004

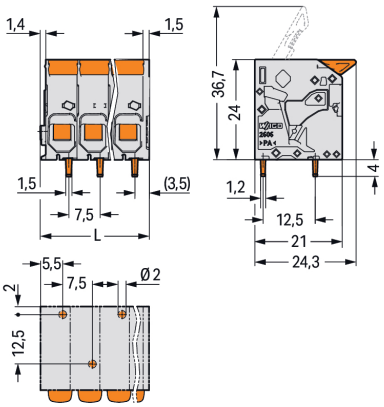


Color: ■ black

Similar to illustration







Dimensions in mm
L = (pole no. – 1) x pin spacing + 10.35 mm

PCB terminal block, 2606 Series, lever

This PCB terminal block (item number 2606-1102/020-004) streamlines wire connections, making them both quick and easy. It is perfect for custom installations with different mounting types. Ensure that the strip lengths are between 11 and 13 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® connection technology is ideal for connecting all conductor types. Solid and fine-stranded conductors with ferrules can be inserted without the need for tools—all thanks to its pluggable design. The dimensions are (17.85 x 28 x 24.3) mm (width x height x depth). Depending on the type of conductor, this PCB terminal block is suitable for conductor cross sections ranging from 0.2 mm² to 10 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. Insert the conductor 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 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	41 A	41 A	41 A

Approvals per	UL 1059		
Use group	B	C	D
Rated voltage	300 V	150 V	-
Rated current	31 A	31 A	-

Approvals per	CSA		
Use group	B	C	D
Rated voltage	600 V	600 V	-
Rated current	31 A	31 A	-

Connection Data

Number of connection types	1
Number of levels	1

Connection 1

Connection technology	Push-in CAGE CLAMP®
Actuation type	Lever
Solid conductor	0.2 … 10 mm² / 24 … 8 AWG
Fine-stranded conductor	0.2 … 10 mm² / 24 … 8 AWG
Fine-stranded conductor; with insulated ferrule	0.2 … 6 mm²
Fine-stranded conductor; with uninsulated ferrule	0.5 … 6 mm²
Fine-stranded conductor; with twin ferrule	0.25 … 2.5 mm²
Strip length	11 … 13 mm / 0.43 … 0.51 inches
Conductor connection direction to PCB	0 °
Pole number	2

Physical data

Pin spacing	7.5 mm / 0.295 inches
Width	17.85 mm / 0.703 inches
Height	28 mm / 1.102 inches
Height from the surface	24 mm / 0.945 inches
Depth	24.3 mm / 0.957 inches
Solder pin length	4 mm
Solder pin dimensions	1.5 x 1.2 mm
Drilled hole diameter	$2^{(+0.1)}$ mm

Continued on next page

PCB contact

PCB contact	THT
Solder pin arrangement	over the entire terminal strip (staggered)
Number of solder pins per potential	1

Material data

Note (material data)	Information on material specifications can be found here
Color	black
Cover color	black
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	0.121 MJ
Actuator color	orange
Weight	8.1 g

Environmental requirements

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

Commercial data

PU (SPU)	99 pcs
Packaging type	Box
Country of origin	PL
GTIN	4066966408546
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

Continued on next page

Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 2606-1102/020-004

Documentation

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/CAE-Data

CAD data

2D/3D Models 2606-1102/020-004

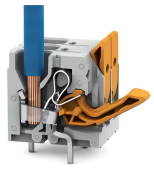
PCB Design

Symbol and Footprint via SamacSys 2606-1102/020-004

Symbol and Footprint via Ultra Librarian 2606-1102/020-004

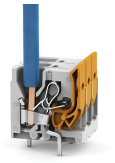
Installation Notes

Conductor termination



Insert fine-stranded conductors – and remove all conductors – via operating tool.

Conductor termination



Insert solid conductors via push-in termination.