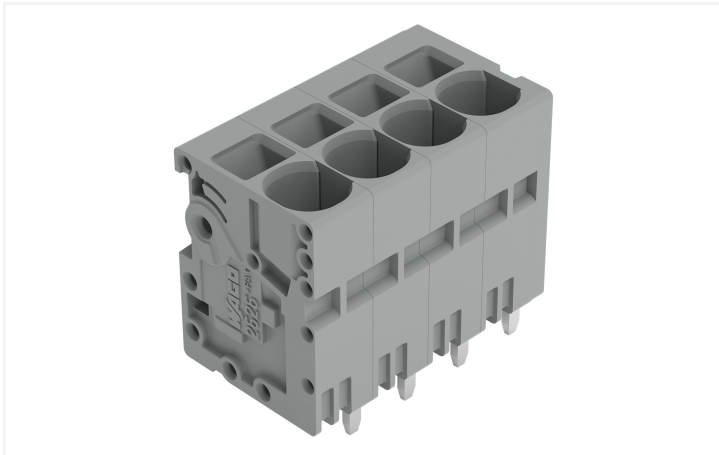


Data Sheet | Item Number: 2626-3102/020-023

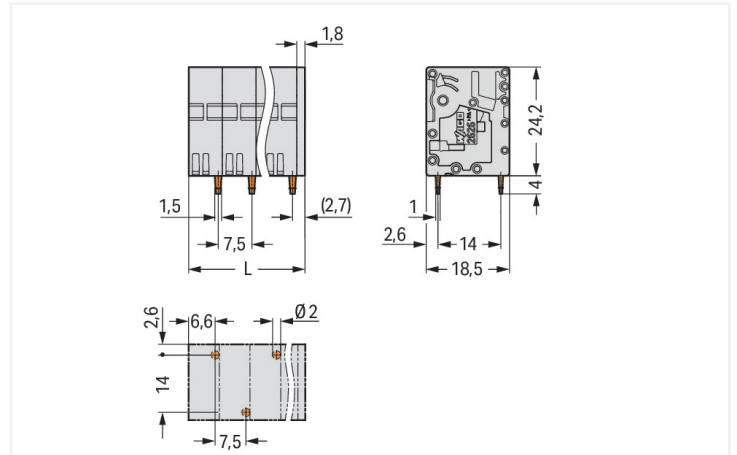
PCB terminal block; 6 mm²; Pin spacing 7.5 mm; 2-pole; Push-in CAGE CLAMP®; 6,00 mm²; green

<https://www.wago.com/2626-3102/020-023>



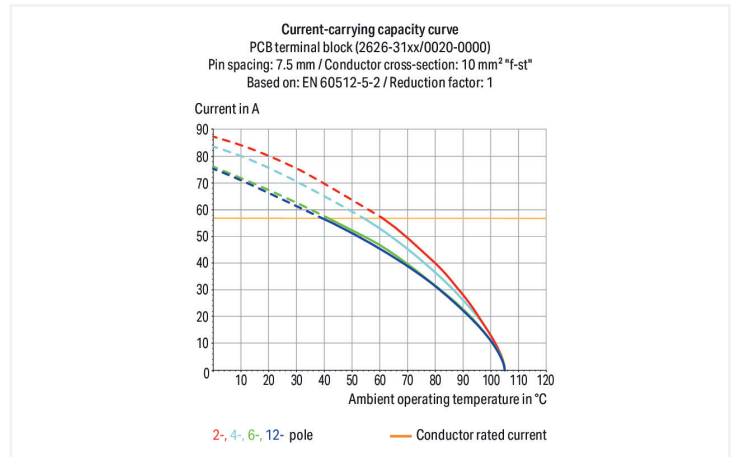
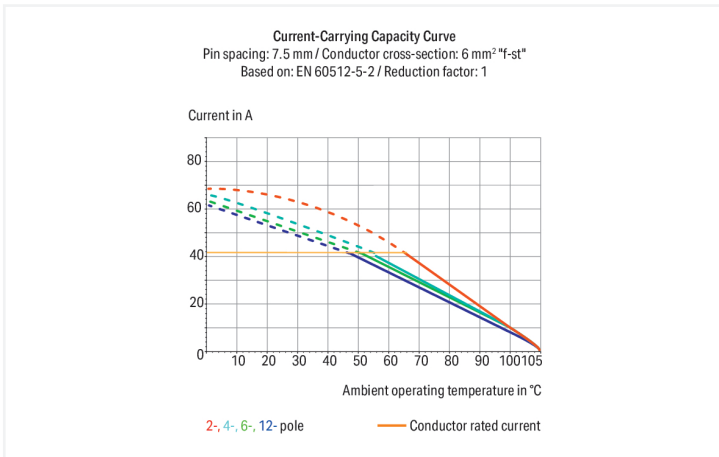
Color: ■ green

Similar to illustration



Dimensions in mm

$L = (\text{pole no.} - 1) \times \text{pin spacing} + 9.3 \text{ mm}$



PCB terminal block, 2626 Series, Push-in CAGE CLAMP®

Our PCB terminal block (item number 2626-3102/020-023) makes connecting wires quick and easy. 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. Rated current and voltage are important parameters when selecting a PCB terminal block, as they indicate how the product can be used. This product has a rated voltage of 1000 V and a rated current of 48 A, making it suitable for high-load applications. Conductors can only be connected to this PCB terminal block if their strip length is between 13 mm and 15 mm. Featuring one conductor terminal along with Push-in CAGE CLAMP®, this connector is highly versatile. 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 the need for tools—all thanks to its pluggable design. The item's dimensions are 16.8 x 28.2 x 18.5 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. It comes with one level and two clamping points that you can use to connect two potentials. The clamping spring is made of chrome-nickel spring steel (CrNi), the contacts are made of electrolytic copper (ECu), and the green housing is made of polyamide (PA66) for insulation. The contact surface is coated with tin. An operating tool is used to operate this PCB terminal block. THT is used to solder the PCB terminal block. These PCB terminal blocks are mounted using feed-through mounts.. The conductor is designed to be inserted at an angle of 90°. The solder pins are organized over the entire terminal strip (staggered) and are 1.5 x 1 mm and 4 mm in length. Each potential has one solder pin.

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		
Overtoltage category	III	III	II	Use group	B	C	D
Pollution degree	3	2	2	Rated voltage	600 V	600 V	-
Nominal voltage	1000 V	1000 V	1000 V	Rated current	38 A	38 A	-
Rated impulse withstand voltage	8 kV	8 kV	8 kV				
Rated current	48 A	48 A	48 A				

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

Connection data

Clamping units	2	Connection 1	
Total number of potentials	2	Connection technology	Push-in CAGE CLAMP®
Number of connection types	1	Actuation type	Operating tool
Number of levels	1	Solid conductor	0.2 ... 10 mm ² / 24 ... 8 AWG
		Fine-stranded conductor	0.2 ... 10 mm ² / 24 ... 8 AWG
		Fine-stranded conductor; with insulated ferrule	0.25 ... 6 mm ²
		Fine-stranded conductor; with uninsulated ferrule	0.25 ... 6 mm ²
		Fine-stranded conductor; with twin ferrule	0.25 ... 2.5 mm ²
		Strip length	13 ... 15 mm / 0.51 ... 0.59 inches
		Conductor connection direction to PCB	90 °

Physical data

Pin spacing	7.5 mm / 0.295 inches
Width	16.8 mm / 0.661 inches
Height	28.2 mm / 1.11 inches
Height from the surface	24.2 mm / 0.953 inches
Depth	18.5 mm / 0.728 inches
Solder pin length	4 mm
Solder pin dimensions	1.5 x 1 mm
Drilled hole diameter with tolerance	2 (+0.1) mm

Mechanical data

Mounting type	Feed-through mounting
---------------	-----------------------

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	green
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 MJ
Weight	8 g

Environmental requirements

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

Commercial data

PU (SPU)	140 pcs
Packaging type	Box
Country of origin	PL
GTIN	4055143891097
Customs tariff number	85369010000

Product Classification

UNSPSC	39121409
ETIM 9.0	EC002643
ETIM 8.0	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-103311
CSA CSA Group	C22.2 No. 158	70146882
KEMA/KEUR DEKRA Certification B.V.	EN 60947-7-4	71-134723
UL Underwriters Laboratories Inc.	UL 1059	E45172

Downloads

Environmental Product Compliance

Compliance Search	
Environmental Product Compliance 2626-3102/020-023	↓

Documentation

Additional Information			
Technical Section	03.04.2019	pdf 2027.26 KB	↓

CAD/CAE-Data

CAD data	
2D/3D Models 2626-3102/020-023	↓

CAE data	
ZUKEN Portal 2626-3102/020-023	↓

PCB Design

Symbol and Footprint via SamacSys 2626-3102/020-023	↓
Symbol and Footprint via Ultra Librarian 2626-3102/020-023	↓

1 Compatible Products

1.1 Optional Accessories

1.1.1 Tool

1.1.1.1 Operating tool



Item No.: 210-721

Operating tool; Blade: 5.5 x 0.8 mm; with a partially insulated shaft; multicoloured

Installation Notes

Conductor termination



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

Conductor termination



Insert solid conductors via push-in termination.