Data Sheet | Item Number: 2626-3106/020-000

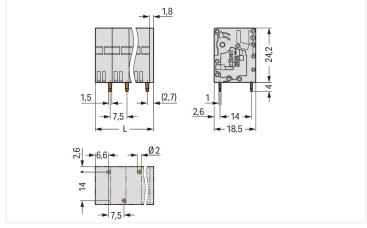## PCB terminal block; 6 mm²; Pin spacing 7.5 mm; 6-pole; Push-in CAGE CLAMP®; 6,00 mm²; gray

https://www.wago.com/2626-3106/020-000

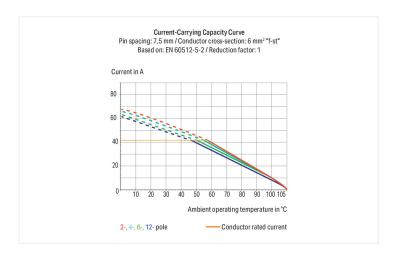

Color: ■ gray

Similar to illustration

Dimensions in mm

L = (pole no. – 1) x pin spacing + 9.3 mm

Current-Carrying Capacity Curve
Pin spacing: 7,5 mm / Conductor cross-section: 6 mm² "f-st"
Based on: EN 60512-5-2 / Reduction factor: 1

Current in A

Ambient operating temperature in °C

2-, 4-, 6-, 12- pole   Conductor rated current

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

Our PCB terminal block (item number 2626-3106/020-000) ensures effortless electrical installations. It is perfect for custom installations with different mounting types. Rated current and voltage are key factors to consider when choosing a PCB terminal block, as they indicate possible applications and uses. This product has a rated voltage of 1000 V and a rated current of 48 A, making it suitable for high-load applications. Conductors should only be connected to this PCB terminal block if their strip length is between 13 mm and 15 mm. 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 the need for tools—all thanks to its pluggable design. The item's dimensions are 46.8 x 28.2 x 18.5 mm (width x height x depth). This PCB terminal block is suitable for conductor cross sections ranging from 0.2 mm² to 10 mm². Up to six potentials / six poles can be connected to this terminal strip using six clamping points on one level. The contacts are made of electrolytic copper (ECu), the clamping spring is made of chrome-nickel spring steel (CrNi), and the gray housing is made of polyamide (PA66) for insulation. Tin is used for coating the contact surfaces. This PCB terminal block is operated with an operating tool. THT is used to solder the PCB terminal block. These PCB terminal blocks are mounted using feed-through mounts.. Insert the conductor at an angle of 90°.. The solder pins measure 1.5 x 1 mm in cross-section and 4 mm in length and are organized over the entire terminal strip (staggered). There are one solder pin per potential.

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	1000 V	1000 V	1000 V
Rated surge voltage	8 kV	8 kV	8 kV
Rated current	48 A	48 A	48 A

Approvals per	UL 1059		
Use group	B	C	D
Rated voltage	600 V	600 V	-
Rated current	38 A	38 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	6
Total number of potentials	6
Number of connection types	1
Number of levels	1

Connection 1

Connection technology	Push-in CAGE CLAMP®
Actuation type	Operating tool
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	0.25 … 6 mm²
Fine-stranded conductor; with uninsulated ferrule	0.25 … 6 mm²
Fine-stranded conductor; with twin ferrule	0.25 … 2.5 mm²
Strip length	13 … 15 mm / 0.51 … 0.59 inches
Conductor connection direction to PCB	90 °
Pole number	6

Physical data

Pin spacing	7.5 mm / 0.295 inches
Width	46.8 mm / 1.843 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	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	0.018 MJ
Weight	22.9 g

Environmental requirements

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

Commercial data

PU (SPU)	50 pcs
Packaging type	Box
Country of origin	DE
GTIN	4055143587341
Customs tariff number	85369010000

Product Classification

UNSPSC	39121409
eCl@ss 10.0	27-44-04-01
eCl@ss 9.0	27-44-04-01
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	70146882
KEMA/KEUR DEKRA Certification B.V.	EN 60947-7-4	71-113203
UL Underwriters Laboratories Inc.	UL 1059	E45172

Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 2626-3106/020-000	↓

Documentation

Additional Information

Technical Section	03.04.2019	pdf 2027.26 KB	↓

CAD/CAE-Data

CAD data

2D/3D Models 2626-3106/020-000	↓

CAE data

ZUKEN Portal 2626-3106/020-000	↓

PCB Design

Symbol and Footprint via SamacSys 2626-3106/020-000	↓
Symbol and Footprint via Ultra Librarian 2626-3106/020-000	↓

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 re-
move all conductor types via operating
tool.

Conductor termination

Insert solid conductors via push-in termi-
nation.

1 Compatible Products

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

Current addresses can be found at:: www.wago.com