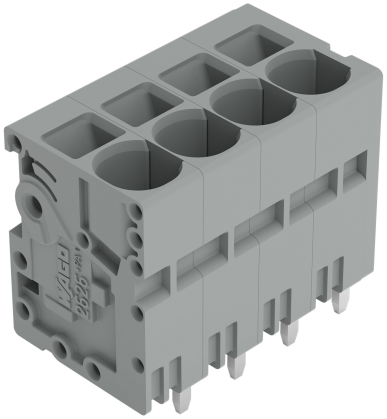
Data Sheet | Item Number: 2626-3104/020-000

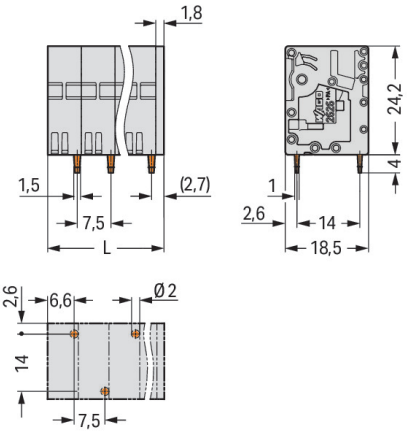
PCB terminal block; 6 mm²; Pin spacing 7.5 mm; 4-pole; Push-in CAGE CLAMP®; 6,00 mm²; gray

https://www.wago.com/2626-3104/020-000

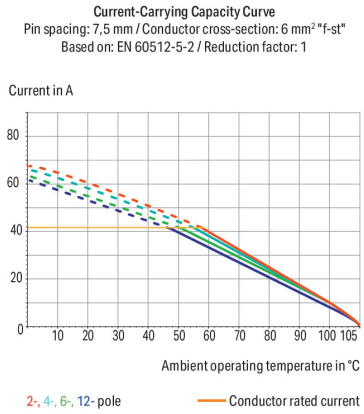


Color: gray

Similar to illustration



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



PCB terminal block, 2626 Series, 90 °conductor entry to board

Connecting conductors is quick and easy with this PCB terminal block (item number 2626-3104/020-000). You can rely on trusted safety with these PCB terminal blocks, perfect for a wide range of applications when designing your devices. Rated current and voltage are important parameters when choosing a PCB terminal block, as they determine the product's suitability for different applications. This product has a rated voltage of 1000 V and a rated current of 48 A, making it suitable for high-load applications. Ensure that the strip lengths are between 13 mm and 15 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. Both solid and fine-stranded conductors with ferrules can be plugged in without the need for tools—all thanks to its pluggable design. The item's dimensions are 31.8 x 28.2 x 18.5 mm (width x height x depth). Depending on the conductor type, this PCB terminal block is ideal for conductor cross sections ranging from 0.2 mm² to 10 mm². It has one level. Four potentials can connect four poles using the four clamping points The clamping spring is made of chrome-nickel spring steel (CrNi), the contacts are made of electrolytic copper (ECu), and the gray 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 a 90° angle.. The solder pins measure 1.5 x 1 mm in cross-section and 4 mm in length and are laid out 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	4
Total number of potentials	4
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	4

Physical data

Pin spacing	7.5 mm / 0.295 inches
Width	31.8 mm / 1.252 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 MJ
Weight	15.5 g

Environmental requirements

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

Commercial data

PU (SPU)	70 pcs
Packaging type	Box
Country of origin	DE
GTIN	4055143587327
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
2626-3104/020-000

Documentation

Additional Information

Technical Section	03.04.2019	pdf 2027.26 KB

CAD/CAE-Data

CAD data

2D/3D Models
2626-3104/020-000

CAE data

ZUKEN Portal
2626-3104/020-000

PCB Design

Symbol and Footprint
via SamacSys
2626-3104/020-000

Symbol and Footprint
via Ultra Librarian
2626-3104/020-000

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 remove all conductor types via operating tool.

Conductor termination

Insert solid conductors via push-in termination.