Data Sheet | Item Number: 2626-3102

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

https://www.wago.com/2626-3102

Color: ■ gray

Similar to illustration
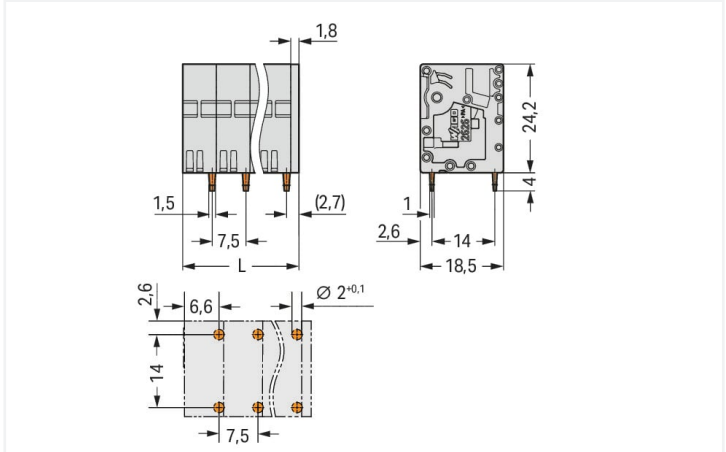
Dimensions in mm

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

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

Current-carrying capacity curve
PCB terminal block (2626-31xx/0020-0000)
Pin spacing: 7,5 mm / Conductor cross-section: 10 mm² "f-st"
Based on: EN 60512-5-2 / Reduction factor: 1

2-, 4-, 6-, 12- pole   Conductor rated current
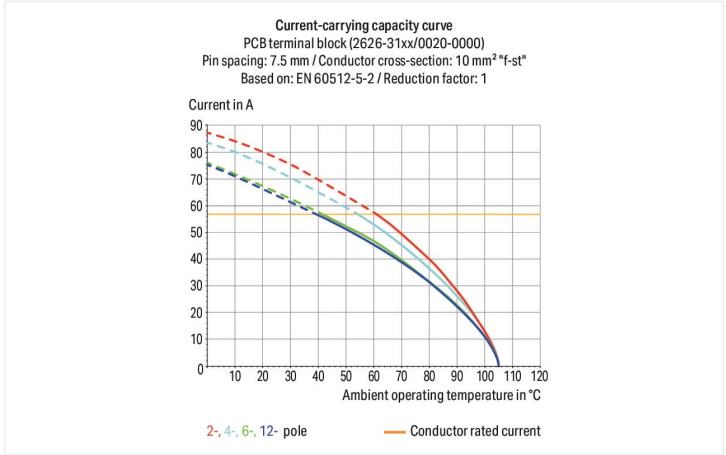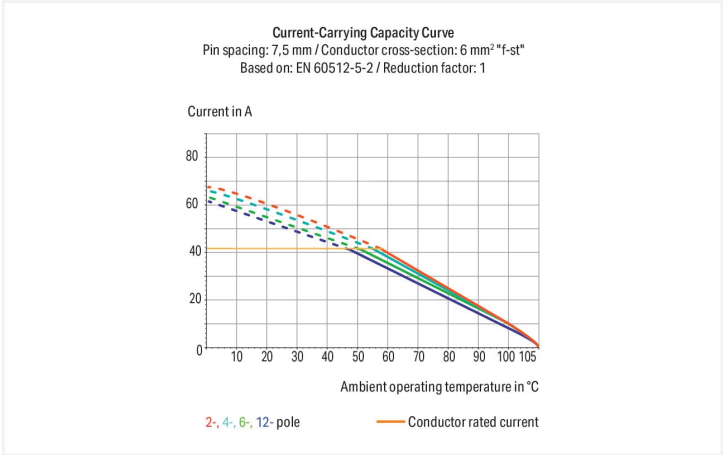
- PCB terminal strips with Push-in CAGE CLAMP® connection
- Push-in termination of solid and ferruled conductors
- Ideal for panel feedthrough applications via operation parallel to conductor entry
- Testing can be performed both parallel and perpendicular to conductor entry

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	630 V	630 V	1000 V
Rated surge voltage	6 kV	6 kV	6 kV
Rated current	48 A	48 A	48 A

Approvals per	UL 1059		
Use group	B	C	D
Rated voltage	300 V	150 V	600 V
Rated current	38 A	38 A	5 A

Approvals per

Approvals per		CSA		
Use group		B	C	D
Rated voltage		300 V	150 V	600 V
Rated current		31 A	38 A	5 A

Connection data

Connection points	2
Total number of potentials	2
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	2

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 (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	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	8.4 g

Environmental requirements

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

Commercial data

eCl@ss 10.0	27-44-04-01
eCl@ss 9.0	27-44-04-01
ETIM 8.0	EC002643
ETIM 7.0	EC002643
PU (SPU)	140 pcs
Packaging type	Box
Country of origin	DE
GTIN	4055143731744
Customs tariff number	85369010000

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 2626-3102	↓

WAGO

Documentation

Additional Information

Technical Section	03.04.2019	pdf 2027.26 KB	↓

CAD/CAE-Data

CAD data

2D/3D Models
2626-3102   ↓

CAE data

ZUKEN Portal
2626-3102   ↓

PCB Design

Symbol and Footprint
via SamacSys
2626-3102   ↓

Symbol and Footprint
via Ultra Librarian
2626-3102   ↓

1 Compatible Products

1.1 Optional Accessories

1.1.1 Ferrule

1.1.1.1 Ferrule

Item No.: 216-263
Ferrule; Sleeve for 1 mm² / AWG 18; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; red

Item No.: 216-264
Ferrule; Sleeve for 1.5 mm² / AWG 16; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; black

Item No.: 216-266
Ferrule; Sleeve for 2.5 mm² / AWG 14; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; blue

Item No.: 216-267
Ferrule; Sleeve for 4 mm² / AWG 12; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; gray

Item No.: 216-208
Ferrule; Sleeve for 6 mm² / AWG 10; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; yellow

Item No.: 216-108
Ferrule; Sleeve for 6 mm² / AWG 10; uninsulated; electro-tin plated; silver-colored

1.1.2 Tool

1.1.2.1 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 termination.

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

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

Page 5/5   Version 11.03.2024