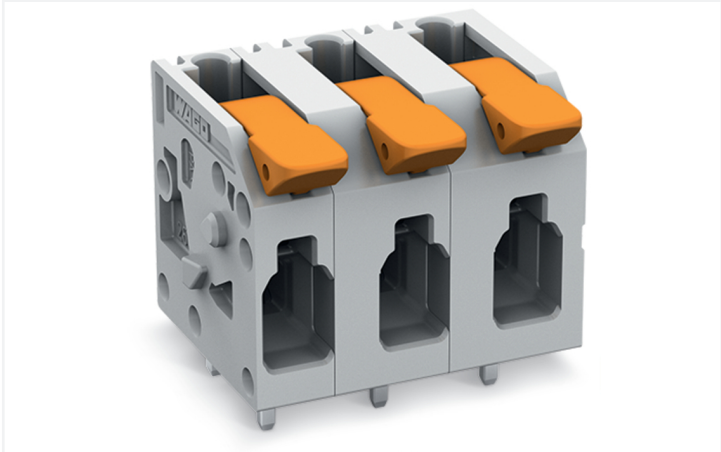
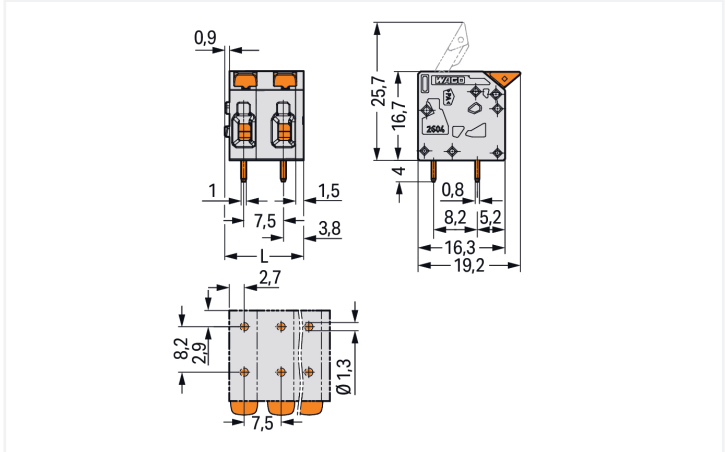


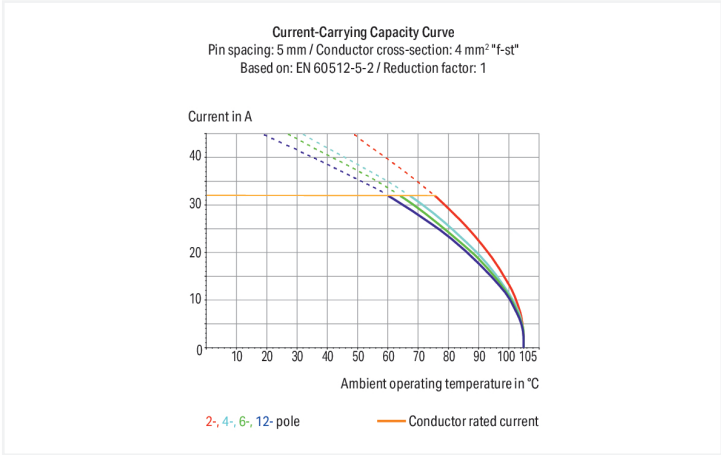


Color: ■ gray

Similar to illustration



Dimensions in mm
L = (pole no. – 1) x pin spacing + 7.4 mm



PCB terminal block, 2604 Series, lever

Our PCB terminal block (item number 2604-1302) makes connections quick and easy. It offers the flexibility needed for different mounting types. Our PCB terminal block is rated for 1000 V and is designed for use with a rated current of up to 32 A. It is therefore suitable for high-load applications. Conductors can only be connected to this PCB terminal block if their strip length is between 9 mm and 11 mm. This product features one conductor terminal and utilizes Push-in CAGE CLAMP®. Our Push-in CAGE CLAMP® is a universal, maintenance-free connection solution for all conductor types, boasting a key feature: It allows direct insertion of both solid and fine-stranded conductors with ferrules without needing tools. No preparation is required; for example, crimping the conductor's ferrule is not necessary. Dimensions: 14.9 x 20.7 x 19.2 mm (width x height x depth). Depending on the conductor type, this PCB terminal block is suitable for conductor cross sections ranging from 0.2 mm² to 4 mm². It comes with one level and two clamping points that you can use to connect two potentials / 2 poles. The gray housing is made of polyamide (PA66) for insulation, the contacts are made of electrolytic copper (ECu), and the clamping spring is made of chrome-nickel spring steel (CrNi). Tin is used for coating the contact surfaces. A lever is used to operate this PCB terminal block. THT is used to assemble the PCB terminal block. The conductor is designed to be inserted at a 0° angle. The solder pins, which are 0.8 x 1 mm in cross-section and 4 mm long, are laid out over the entire terminal strip (in-line). There are two solder pins 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			630 V	1000 V	1000 V	
Rated surge voltage			6 kV	6 kV	6 kV	
Rated current			32 A	32 A	32 A	

Approvals per			UL 1059			
Use group			B	C	D	
Rated voltage			300 V	300 V	600 V	
Rated current			20 A	20 A	5 A	

Approvals per			CSA			
Use group			B	C	D	
Rated voltage			300 V	300 V	600 V	
Rated current			20 A	20 A	5 A	

Connection data						
Clamping units			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	Lever
Solid conductor	0.2 ... 4 mm² / 24 ... 12 AWG
Fine-stranded conductor	0.2 ... 4 mm² / 24 ... 12 AWG
Fine-stranded conductor; with insulated ferrule	0.25 ... 2.5 mm²
Fine-stranded conductor; with uninsulated ferrule	0.25 ... 2.5 mm²
Fine-stranded conductor; with twin ferrule	0.25 ... 1.5 mm²
Strip length	9 ... 11 mm / 0.35 ... 0.43 inches
Conductor connection direction to PCB	0°
Pole number	2

Physical data		
Pin spacing	7.5 mm / 0.295 inches	
Width	14.9 mm / 0.587 inches	
Height	20.7 mm / 0.815 inches	
Height from the surface	16.7 mm / 0.657 inches	
Depth	19.2 mm / 0.756 inches	
Solder pin length	4 mm	
Solder pin dimensions	0.8 x 1 mm	
Drilled hole diameter with tolerance	1.3 ^(+0.1) mm	

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 (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		0.068 MJ
Actuator color		orange
Weight		3.6 g

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

Commercial data		
PU (SPU)		150 pcs
Packaging type		Box
Country of origin		PL
GTIN		4055143564403
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-61583
KEMA/KEUR DEKRA Certification B.V.	EN 60947-7-4	71-100535
UL Underwriters Laboratories Inc.	UL 1059	E45172

Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 2604-1302

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Documentation

Additional Information

Technical Section

03.04.2019

pdf

2027.26 KB

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CAD/CAE-Data

CAD data

2D/3D Models 2604-1302

↓

CAE data

ZUKEN Portal 2604-1302

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PCB Design

Symbol and Footprint via SamacSys 2604-1302

↓

Symbol and Footprint via Ultra Librarian 2604-1302

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1 Compatible Products

1.1 Optional Accessories

1.1.1 Ferrule

1.1.1.1 Ferrule

[Item No.: 216-241](#)
Ferrule; Sleeve for 0.5 mm² / 20 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; white

[Item No.: 216-242](#)
Ferrule; Sleeve for 0.75 mm² / 18 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; gray

[Item No.: 216-243](#)
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.: 216-244](#)
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.: 216-246](#)
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.: 216-106](#)
Ferrule; Sleeve for 2.5 mm² / AWG 14; un-insulated; electro-tin plated; silver-colored

Installation Notes

Conductor termination



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

Conductor termination



Insert solid conductors via push-in termination.