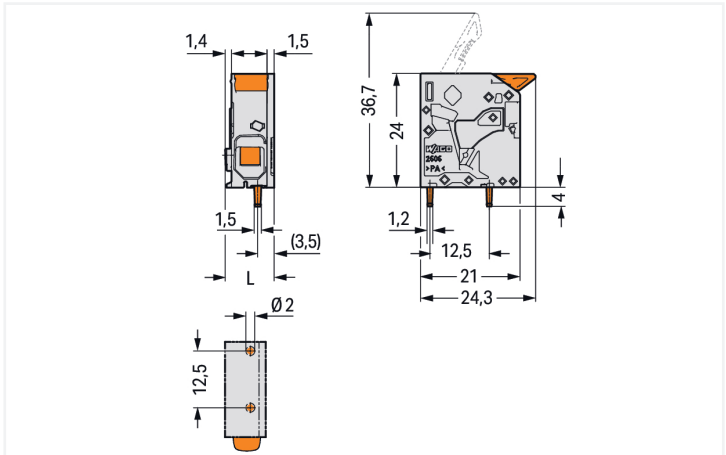
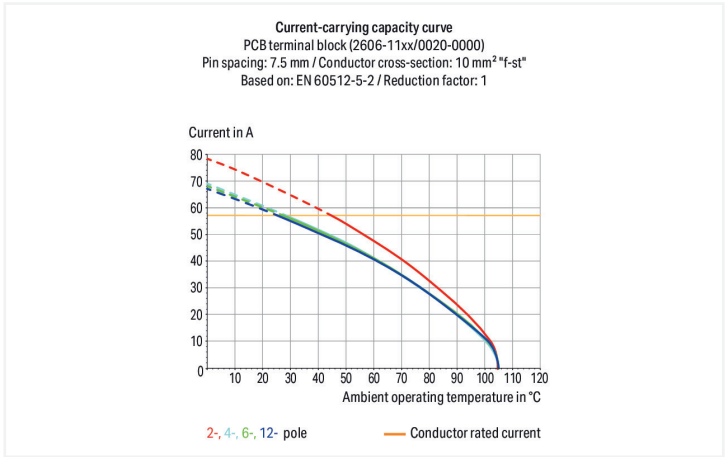
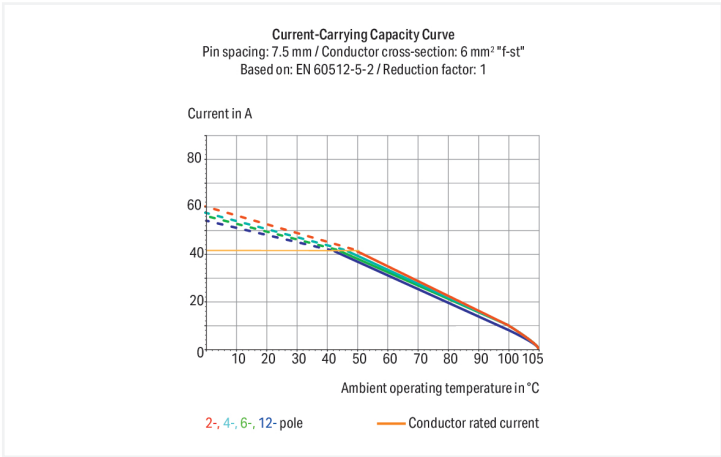


Color: ■ gray



Dimensions in mm
L = 10.35 mm



PCB terminal block, 2606 Series, lever

Our PCB terminal block (item number 2606-1101) simplifies electrical installations. You can rely on trusted safety with these PCB terminal blocks, perfect for a wide variety of applications when designing your devices. This PCB terminal block has a rated voltage of 1000 V and can handle currents up to 41 A, making it ideal for high-load applications. Strip lengths must be between 11 mm and 13 mm when connecting conductors to this PCB terminal block. 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, featuring a winning design: both solid and fine-stranded conductors with ferrules can be directly inserted without the need for tools or any preparation, such as crimping the ferrule. The dimensions are 10.35 x 28 x 24.3 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. Up to one potential / one pole can be connected to this terminal block using one clamping point on one level. 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. This PCB terminal block is operated with a lever. The PCB terminal block is designed for THT soldering. Insert the conductor into the board at an angle of 0°. The solder pins measure 1.5 x 1.2 mm in cross-section and 4 mm in length and are laid out over the entire terminal strip (in-line). There are two solder pins per potential.

Notes	
Note	The inherent stability of a single-pole PCB terminal block is less than that of a multi-pole terminal strip. The customer must therefore ensure that these terminal blocks are protected against excessive mechanical stress (e.g., torsional or bending stress), both when connecting the conductor and during subsequent use, for example by providing additional support, shortly holding the connected conductor and appropriate actuation instructions.
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				
Overvoltage category	III	III	II	Use group	B	C
Pollution degree	3	2	2	Rated voltage	600 V	600 V
Nominal voltage	1000 V	1000 V	1000 V	Rated current	31 A	31 A
Rated surge voltage	8 kV	8 kV	8 kV			
Rated current	41 A	41 A	41 A			

Approvals per		CSA		
Use group	B	C	D	
Rated voltage	600 V	1000 V	-	
Rated current	31 A	31 A	-	

Connection data			
Clamping units	1	Connection 1	
Total number of potentials	1	Connection technology	Push-in CAGE CLAMP®
Number of connection types	1	Actuation type	Lever
Number of levels	1	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	11 ... 13 mm / 0.43 ... 0.51 inches
		Conductor connection direction to PCB	0°
		Pole number	1

Physical data		
Pin spacing	7.5 mm / 0.295 inches	
Width	10.35 mm / 0.407 inches	
Height	28 mm / 1.102 inches	
Height from the surface	24 mm / 0.945 inches	
Depth	24.3 mm / 0.957 inches	
Solder pin length	4 mm	
Solder pin dimensions	1.5 x 1.2 mm	
Drilled hole diameter with tolerance	2 (+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	0.101 MJ
Actuator color	orange
Weight	4.5 g

Environmental requirements	
Limit temperature range	-60 ... +105 °C
Processing temperature	-35 ... +60 °C
Continuous operating temperature	-60 ... +105 °C
Environmental Testing (Environmental Conditions)	
Test specification	DIN EN 50155 (VDE 0115-200):2022-06
Railway applications – Rolling stock – Electronic equipment	
Test procedure	DIN EN 61373 (VDE 0115-0106):2011-04
Railway applications – Rolling stock equipment – Shock and vibration tests	
Spectrum/Installation location	Service life test, Category 1, Class A/B
Function test with noise-like vibration	Test passed according to Section 8 of the standard
Frequency	f ₁ = 5 Hz to f ₂ = 150 Hz f ₁ = 5 Hz to f ₂ = 150 Hz
Acceleration	0.101g (highest test level used for all axes) 0.572g (highest test level used for all axes) 5g (highest test level used for all axes)
Test duration per axis	10 min. 5 h
Test directions	X, Y and Z axes X, Y and Z axes X, Y and Z axes
Monitoring for contact faults/interruptions	Passed
Voltage drop measurement before and after each axis	Passed
Simulated service life test through increased levels of noise-like vibration	Test passed according to Section 9 of the standard
Extended test scope: Monitoring for contact faults/interruptions	Passed Passed
Extended test scope: Voltage drop measurement before and after each axis	Passed Passed
Shock test	Test passed according to Section 10 of the standard
Shock form	Half sine
Shock duration	30 ms
Number of shocks per axis	3 pos. und 3 neg.
Vibration and shock stress for rolling stock equipment	Passed



Commercial data		
PU (SPU)		200 pcs
Packaging type		Box
Country of origin		PL
GTIN		4055143586405
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	Declarations of conformity and manufacturer's declarations
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Approval	Standard	Certificate Name	Approval	Standard	Certificate Name
CB DEKRA Certification B.V.	IEC 60947-7-4	NL-103311	Railway WAGO GmbH & Co. KG	-	Z00004412.000
CSA CSA Group	C22.2	70146882			
UL Underwriters Laboratories Inc.	UL 1059	UL-US- L45172-6187172-92117102-1			

Downloads

Environmental Product Compliance

Compliance Search
Environmental Product Compliance 2606-1101



Documentation

Additional Information
Technical Section
03.04.2019
pdf 2027.26 KB





CAD/CAE-Data	
CAD data	CAE data
2D/3D Models 2606-1101	ZUKEN Portal 2606-1101

PCB Design	
Symbol and Footprint via SamacSys 2606-1101	↓
Symbol and Footprint via Ultra Librarian 2606-1101	↓

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](#)

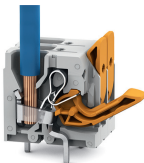
Ferrule; Sleeve for 6 mm² / AWG 10; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; yellow



[Item No.: 216-108](#)

Ferrule; Sleeve for 6 mm² / AWG 10; uninsulated; electro-tin plated; silver-colored

Installation Notes
Conductor termination



Insert fine-stranded conductors – and remove all conductors – 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