

Data Sheet | Item Number: 2706-204/000-009

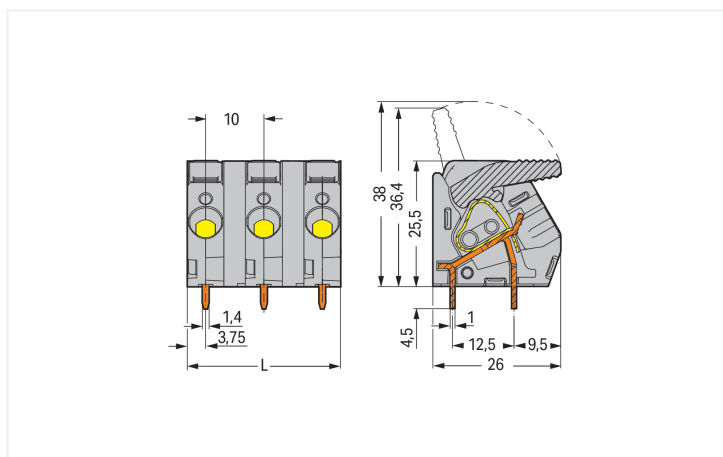
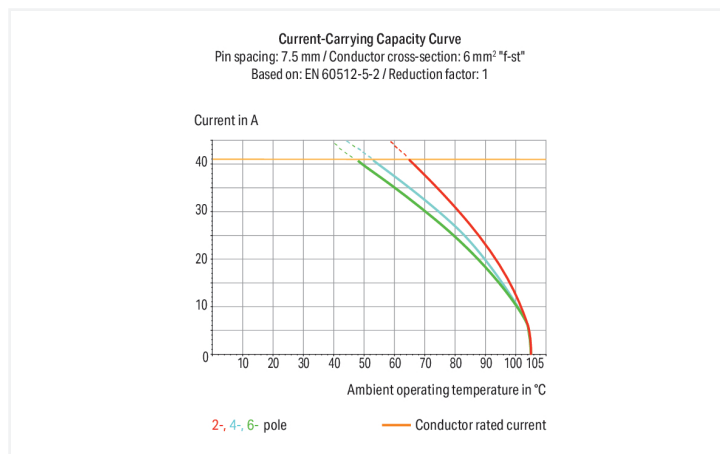
PCB terminal block; lever; 6 mm²; Pin spacing 10 mm; 4-pole; CAGE CLAMP®; light gray

<https://www.wago.com/2706-204/000-009>



Color: ■ light gray

Similar to illustration



Dimensions in mm

L = (pole no. x pin spacing) – 2.5 mm

PCB terminal block, 2706 Series, 30 °conductor entry to board

Our PCB terminal block (item number 2706-204/000-009) is the ideal way to connect conductors quickly and securely. It is a universal connector that can be used almost anywhere, e.g., as a pluggable PCB connector, panel feedthrough header, connector for rail-mount terminal blocks, or a floating connector for different mounting methods. Conductors can only be connected to this PCB terminal block if their strip length is between 11 and 12 mm. Featuring one conductor terminal along with CAGE CLAMP®, this connector outperforms the competition. Our CAGE CLAMP® connection provides a secure and maintenance-free way to connect all types of conductors. You do not need to prepare the conductor in any way, such as crimping ferrules. The item's dimensions are (35 x 30 x 26) mm (width x height x depth). This PCB terminal block is suitable for conductor cross sections ranging from 0.5 mm² to 6 mm².

The contact surface is coated with tin. A lever is used to operate this PCB terminal block. The PCB terminal block is designed for THT soldering. The conductor is designed to be inserted into the board at a 30° angle.



Notes	
Variants:	Other pole numbers Other colors Mixed-color PCB connector strips Direct marking 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 D
Pollution degree		3	2	2	Rated voltage	300 V	150 V 600 V
Nominal voltage		800 V	1000 V	1000 V	Rated current	30 A	30 A 5 A
Rated impulse withstand voltage		8 kV	8 kV	8 kV			
Rated current		41 A	41 A	41 A			

Connection Data				Connection 1	
Clamping units	4			Connection technology	CAGE CLAMP®
Total number of potentials	4			Actuation type	Lever
Number of connection types	1			Solid conductor	0.5 ... 6 mm² / 20 ... 10 AWG
Number of levels	1			Fine-stranded conductor	0.5 ... 6 mm² / 20 ... 10 AWG
				Fine-stranded conductor; with insulated ferrule	0.5 ... 6 mm²
				Fine-stranded conductor; with uninsulated ferrule	0.5 ... 6 mm²
				Strip length	11 ... 12 mm / 0.43 ... 0.47 inches
				Conductor connection direction to PCB	30 °
				Pole number	4

Physical data		
Pin spacing		10 mm / 0.394 inches
Width		35 mm / 1.378 inches
Height		30 mm / 1.181 inches
Height from the surface		25.5 mm / 1.004 inches
Depth		26 mm / 1.024 inches
Solder pin length		4.5 mm
Solder pin dimensions		1 x 1.4 mm
Drilled hole diameter with tolerance		1.8 (+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		light 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		0.467 MJ
Weight		23.7 g

Environmental requirements		
Limit temperature range		-60 ... +105 °C

Commercial data		
Product Group		4 (Printed Circuit Connectors)
PU (SPU)		30 pcs
Packaging type		Box
Country of origin		PL
GTIN		4050821251354
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 10.0		EC002643
ECCN		NO US CLASSIFICATION

Environmental Product Compliance		
RoHS Compliance Status		Compliant, No Exemption

Approvals / Certificates

General approvals



Approval	Standard	Certificate Name
CSA DEKRA Certification B.V.	C22.2 No. 158	2516072
UL UL International Germany GmbH	UL 1059	E45172



Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance2706-204/000-009

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Documentation

Additional Information

Technical Section03.04.2019pdf2027.26 KB

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CAD/CAE-Data

CAD data

2D/3D Models2706-204/000-009

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CAE data

ZUKEN Portal2706-204/000-009

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PCB Design

Symbol and Footprint via SamacSys2706-204/000-009

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Symbol and Footprint via Ultra Librarian2706-204/000-009

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1 Compatible Products

1.1 Optional Accessories

1.1.1 Ferrule

1.1.1.1 Ferrule



[Item No.: 216-262](#)
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.: 216-289](#)
Ferrule; Sleeve for 10 mm² / AWG 8; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; red



[Item No.: 216-287](#)
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.: 216-263](#)
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.: 216-266](#)
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.: 216-208](#)
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.: 216-264](#)
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.: 216-286](#)
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.: 216-288](#)
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.: 216-284](#)
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.: 216-267](#)
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.: 216-108](#)
Ferrule; Sleeve for 6 mm² / AWG 10; uninsulated; electro-tin plated; silver-colored

1.1.2 Test and measurement

1.1.2.1 Testing accessories



Item No.: 210-136

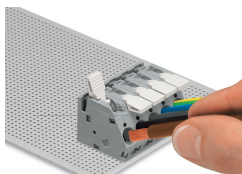
Test plug; 2 mm Ø; with 500 mm cable; red

Installation Notes

Conductor termination

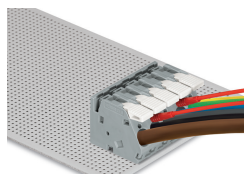


To open the clamping unit, pull the operating lever all the way back — 2706 and 2716 Series.



Inserting/removing a conductor – 2706 and 2716 Series.

Testing



Testing with test plug – 2706 and 2716 Series.