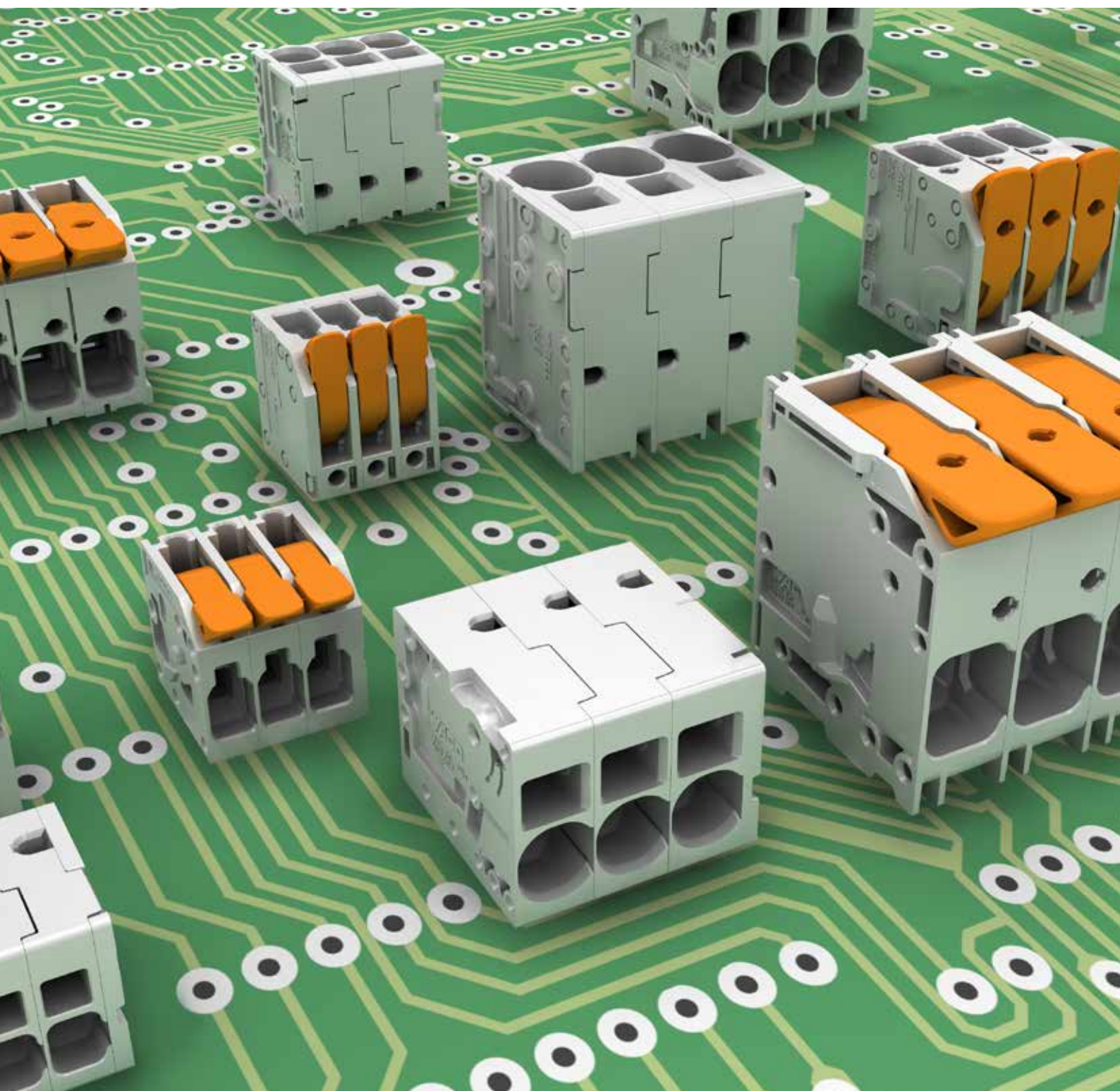


## PCB Terminal Blocks for Power Electronics Push Performance to The Top





# PUSH PERFORMANCE TO THE TOP

## More Power no Longer Means More Space

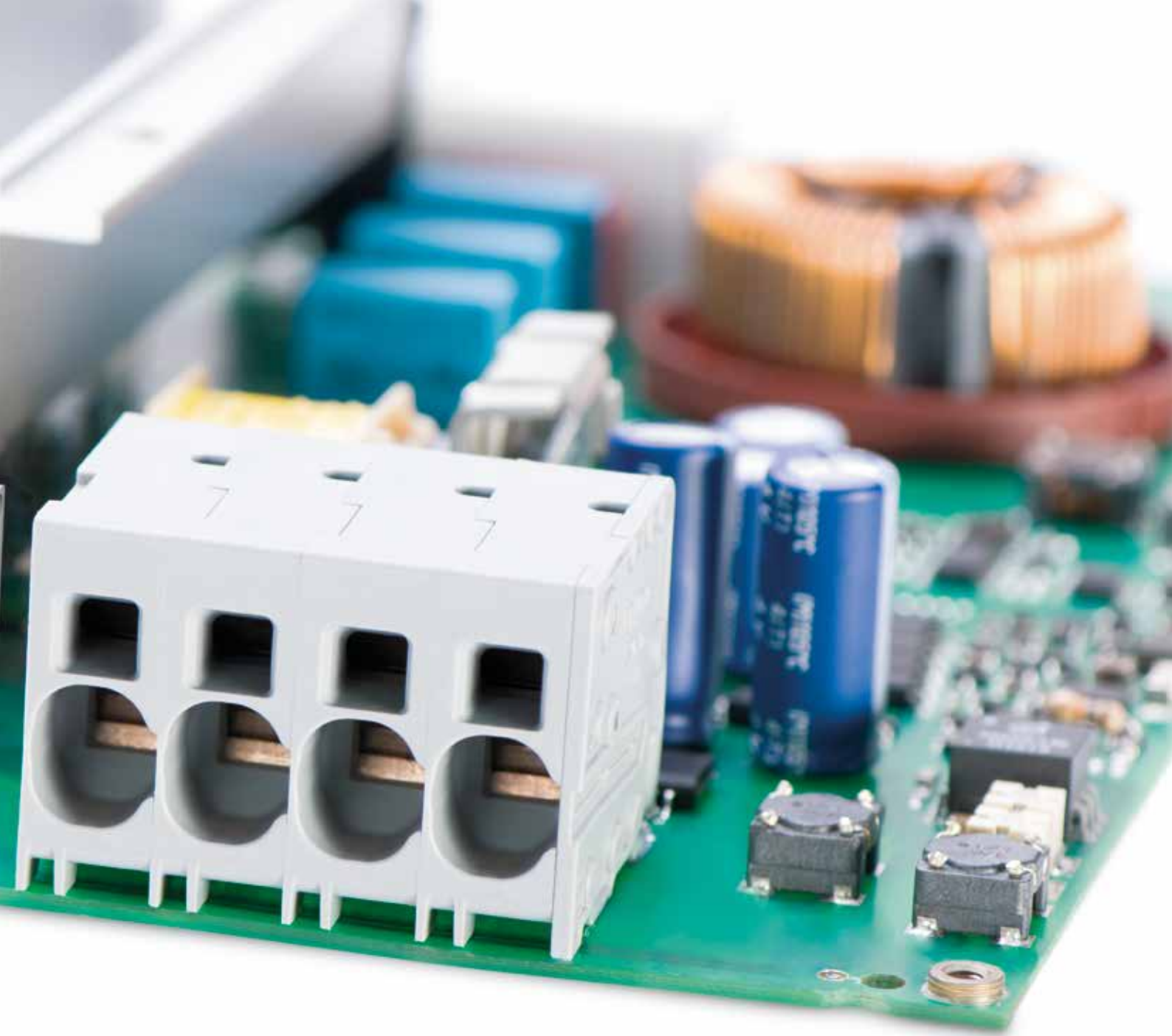
The trend toward electronic miniaturization requires that both power and signal levels be integrated on PCBs. This results in increased power density requiring connection technologies suited for both compact and high-performance PCB terminal blocks.

Connection technology is also a basic criterion for selecting the right terminal block in demanding applications, such as power supplies, frequency inverters or servo drives. Additional decisive factors include simple and easy operation, as well as wiring flexibility.

## Every Advantage – All in One

WAGO combines all these criteria into a comprehensive and varied range of PCB terminal blocks for power electronics. WAGO's PCB terminal blocks are rated for 4 mm<sup>2</sup>, 6 mm<sup>2</sup> and 16 mm<sup>2</sup> conductor cross-sections and can be operated either with or without a tool. The blocks also offer a unique space-saving feature: Beyond their nominal cross-section, the PCB terminal blocks connect most solid and fine-stranded conductors up to the next larger cross-section size. This saves space on the PCB and reduces device connection costs.





Thanks to WAGO's innovative spring pressure connection technology, the WAGO PCB terminal blocks for all applications ideally blend ergonomics and safety. Push-in CAGE CLAMP® enables solid and ferruled conductors to be connected by simply pushing them into the unit, while guaranteeing secure and maintenance-free connections for all conductor types. Furthermore, WAGO's PCB terminal blocks are not only simple and easy to use, but also offer maximum wiring flexibility.



Learn more at:  
[www.wago.com/powerelectronics](http://www.wago.com/powerelectronics)

#### Advantages:

- Comprehensive product line-up ranging from 0.2 to 25 mm<sup>2</sup>
- Push-in CAGE CLAMP® termination
- Wider conductor range and higher current carrying capacity
- Wire horizontally or vertically to the PCB
- Testing both parallel and perpendicular to conductor entry

# PCB TERMINAL BLOCKS WITH Push-in CAGE CLAMP®

2624, 2626, 2636 Series

WAGO's PCB terminal blocks with Push-in CAGE CLAMP® are ideal for compact device connections. They are compatible with existing industrial solutions and can be perfectly integrated into both space-limited and panel feedthrough applications.

Push-in CAGE CLAMP® is suitable for all conductor types and enables solid and ferruled conductors to be connected by simply pushing them into the unit. Tool-actuated termination is performed parallel to conductor entry. WAGO's PCB terminal blocks terminate conductors both horizontally and vertically to the PCB. Furthermore, they can be tested both parallel and perpendicular to conductor entry.

## Advantages:

- Compact device connection
- Ideal for panel feedthrough and space-restricted applications
- Operation parallel to conductor entry
- Compatibility with existing solutions
- For applications complying with EN and UL 61800-5-1 (details upon request)



## Conductor Range:

[mm <sup>2</sup> ]	0.2	0.34	0.5	0.75	1.5	2.5	4	6	10	16	25	[mm <sup>2</sup> ]	
<b>2624 Series</b>	All conductor types						"s" + "f-st"						Pin spacing: 5 / 7.5 / 11.5 mm
<b>2626 Series</b>			All conductor types						"s" + "f-st"				Pin spacing: 7.5 mm
<b>2636 Series</b>			All conductor types								"f-st"	Pin spacing: 10 mm	
<b>[AWG]</b>	24	22	20	18	16	14	12	10	8	6	4	<b>[AWG]</b>	

All conductor types without restriction
"s" Only solid conductors
 "f-st" Only fine-stranded conductors

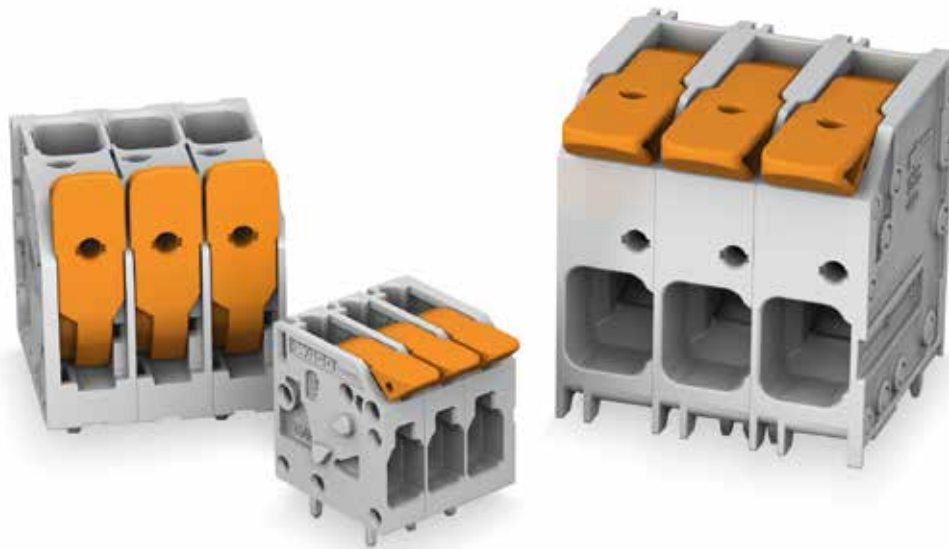
# PCB TERMINAL BLOCKS WITH Push-in CAGE CLAMP® AND LEVER

2604, 2606, 2616 Series

WAGO's lever-quipped PCB terminal block variants offer faster and easier wiring. They combine a compact design, high current carrying capacity and the advantages of Push-in CAGE CLAMP® with the benefits of intuitive lever operation. The lever permits 100 % tool-free operation and provides a secure connection when the easy-to-use lever closes the clamping unit. The lever also clearly locks in position (open/close) with a tactile and audible click. WAGO's PCB terminal blocks with lever terminate conductors both horizontally and vertically to the PCB. Furthermore, they can be tested both parallel and perpendicular to conductor entry.

## Advantages:

- Faster and easier wiring
- Tool-free, intuitive lever operation
- Secure connection via easy and effortless lever actuation into closed position
- Lever clearly locks in position (open/close)



## Conductor Range:

[mm <sup>2</sup> ]	0.2	0.34	0.5	0.75	1.5	2.5	4	6	10	16	25	[mm <sup>2</sup> ]	
<b>2604 Series</b>	All conductor types						"s" + "f-st"						Pin spacing: 5 / 7.5 / 11.5 mm
<b>2606 Series</b>			All conductor types						"s" + "f-st"				Pin spacing: 7.5 mm
<b>2616 Series</b>				All conductor types							"f-st"	Pin spacing: 10 mm	
<b>[AWG]</b>	24	22	20	18	16	14	12	10	8	6	4	<b>[AWG]</b>	

All conductor types without restriction
"s" Only solid conductors
 "f-st" Only fine-stranded conductors

# 2624 SERIES

- PCB terminal block (4 mm<sup>2</sup>) with tool-actuated and Push-in CAGE CLAMP® termination
- Straight or angled type
- Ideal for panel feedthrough applications via operation parallel to conductor entry

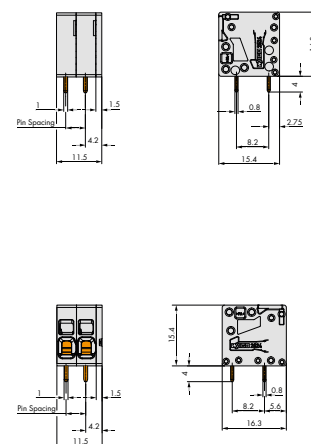


Insert solid conductors via push-in termination.

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

PCB terminal block for panel feedthrough connections

2624 Series						
Pin spacing	5 mm	7.5 mm	11.5 mm	Conductor Data		
Ratings per	IEC/EN 60664-1			Connection technology	Push-in CAGE CLAMP®	
Nominal voltage (III / 3)	320 V	630 V	1000 V	Conductor range: solid	0.2 ... 6 mm <sup>2</sup>	
Rated voltage (III / 2)	400 V	1000 V	1000 V	Conductor range: fine-stranded	0.2 ... 6 mm <sup>2</sup>	
Nominal voltage (II / 2)	630 V	1000 V	1000 V	Conductor range: fine-stranded	0.25 ... 2.5 mm <sup>2</sup> (with insulated ferrule)	
Rated surge voltage	4 kV	6 kV	8 kV	Conductor range: fine-stranded	0.25 ... 2.5 mm <sup>2</sup> (with uninsulated ferrule)	
Rated current	32 A			AWG	24 ... 10	
	UL/CSA approval pending			Strip length	10 ... 12 mm / 0.39 ... 0.47 inch	
Pole No.	Item No.					
Pin spacing	5 mm	7.5 mm	11.5 mm	5 mm	7.5 mm	11.5 mm
	Angled			Straight		
1	2624-1101			2624-3101		
2	2624-1102	2624-1302	2624-1502	2624-3102	2624-3302	2624-3502
3	2624-1103	2624-1303	2624-1503	2624-3103	2624-3303	2624-3503
4	2624-1104	2624-1304	2624-1504	2624-3104	2624-3304	2624-3504
5	2624-1105	2624-1305	2624-1505	2624-3105	2624-3305	2624-3505
6	2624-1106	2624-1306	2624-1506	2624-3106	2624-3306	2624-3506
7	2624-1107	2624-1307	2624-1507	2624-3107	2624-3307	2624-3507
8	2624-1108	2624-1308	2624-1508	2624-3108	2624-3308	2624-3508
9	2624-1109	2624-1309	2624-1509	2624-3109	2624-3309	2624-3509
10	2624-1110	2624-1310	2624-1510	2624-3110	2624-3310	2624-3510
11	2624-1111	2624-1311	2624-1511	2624-3111	2624-3311	2624-3511
12	2624-1112	2624-1312	2624-1512	2624-3112	2624-3312	2624-3512



# 2604 SERIES

- PCB terminal block (4 mm<sup>2</sup>) with lever-actuated and Push-in CAGE CLAMP® termination
- 100 % tool-free operation
- Connection is secured when easy-to-use lever is lowered into closed position
- Lever locks into position (open/closed) with an audible click
- Straight or angled type

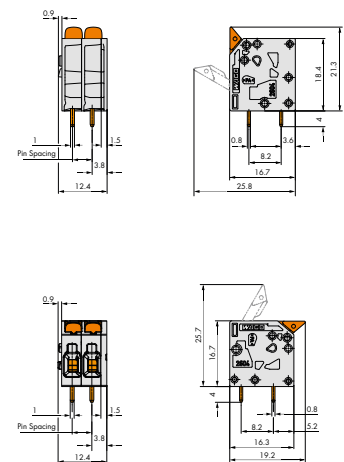


Insert solid conductors via push-in termination.

Insert fine-stranded conductors and remove all conductors via lever.

PCB terminal block for power supplies

2604 Series						
Pin spacing	5 mm	7.5 mm	11.5 mm	Conductor Data		
Ratings per	IEC/EN 60664-1			Connection technology	Push-in CAGE CLAMP®	
Nominal voltage (III / 3)	320 V	630 V	1000 V	Conductor range: solid	0.2 ... 4 mm <sup>2</sup>	
Rated voltage (III / 2)	400 V	1000 V	1000 V	Conductor range: fine-stranded	0.2 ... 4 mm <sup>2</sup>	
Nominal voltage (II / 2)	630 V	1000 V	1000 V	Conductor range: fine-stranded	0.25 ... 2.5 mm <sup>2</sup> (with insulated ferrule)	
Rated surge voltage	4 kV	6 kV	8 kV	Conductor range: fine-stranded	0.25 ... 2.5 mm <sup>2</sup> (with uninsulated ferrule)	
Rated current	32 A			AWG	24 ... 12	
	UL/CSA approval pending			Strip length	9 ... 11 mm / 0.35 ... 0.43 inch	
Pole No.	Item No.					
Pin spacing	5 mm	7.5 mm	11.5 mm	5 mm	7.5 mm	11.5 mm
	Angled			Straight		
1	2604-1101			2604-3101		
2	2604-1102	2604-1302	2604-1502	2604-3102	2604-3302	2604-3502
3	2604-1103	2604-1303	2604-1503	2604-3103	2604-3303	2604-3503
4	2604-1104	2604-1304	2604-1504	2604-3104	2604-3304	2604-3504
5	2604-1105	2604-1305	2604-1505	2604-3105	2604-3305	2604-3505
6	2604-1106	2604-1306	2604-1506	2604-3106	2604-3306	2604-3506
7	2604-1107	2604-1307	2604-1507	2604-3107	2604-3307	2604-3507
8	2604-1108	2604-1308	2604-1508	2604-3108	2604-3308	2604-3508
9	2604-1109	2604-1309	2604-1509	2604-3109	2604-3309	2604-3509
10	2604-1110	2604-1310	2604-1510	2604-3110	2604-3310	2604-3510
11	2604-1111	2604-1311	2604-1511	2604-3111	2604-3311	2604-3511
12	2604-1112	2604-1312	2604-1512	2604-3112	2604-3312	2604-3512



# 2626 SERIES

- PCB terminal block (6 mm<sup>2</sup>) with tool-actuated and Push-in CAGE CLAMP® termination
- Straight or angled type
- Ideal for panel feedthrough applications via operation parallel to conductor entry



Insert solid conductors via push-in termination.

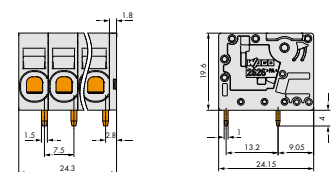
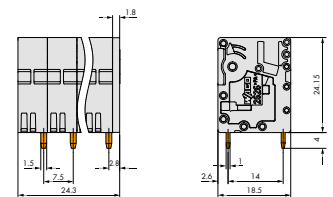


Insert fine-stranded conductors and remove all conductors via operating tool.



PCB terminal block for panel feedthrough connections

2626 Series			
Pin spacing	7.5 mm	Conductor Data	
Ratings per	IEC/EN 60664-1	Connection technology	Push-in CAGE CLAMP®
Nominal voltage (III / 3)	800 V	Conductor range: solid	0.5 ... 10 mm <sup>2</sup>
Rated voltage (III / 2)	1000 V	Conductor range: fine-stranded	0.5 ... 10 mm <sup>2</sup>
Nominal voltage (II / 2)	1000 V	Conductor range: fine-stranded (with insulated ferrule)	0.5 ... 6 mm <sup>2</sup>
Rated surge voltage	8 kV	Conductor range: fine-stranded (with uninsulated ferrule)	0.5 ... 6 mm <sup>2</sup>
Rated current	41 A	AWG	20 ... 8
	UL/CSA approval pending	Strip length	13 ... 15 mm / 0.51 ... 0.59 inch
Pole No.	Item No.		
	Angled	Straight	
1	2626-1101	2626-3101	
2	2626-1102/0020-0000	2626-3102/0020-0000	
3	2626-1103/0020-0000	2626-3103/0020-0000	
4	2626-1104/0020-0000	2626-3104/0020-0000	
5	2626-1105/0020-0000	2626-3105/0020-0000	
6	2626-1106/0020-0000	2626-3106/0020-0000	
7	2626-1107/0020-0000	2626-3107/0020-0000	
8	2626-1108/0020-0000	2626-3108/0020-0000	
9	2626-1109/0020-0000	2626-3109/0020-0000	
10	2626-1110/0020-0000	2626-3110/0020-0000	
11	2626-1111/0020-0000	2626-3111/0020-0000	
12	2626-1112/0020-0000	2626-3112/0020-0000	





# 2606 SERIES

- PCB terminal block (6 mm<sup>2</sup>) with lever-actuated and Push-in CAGE CLAMP® termination
- 100 % tool-free operation
- Connection is secured when easy-to-use lever is lowered into closed position
- Lever locks into position (open/closed) with an audible click
- Straight or angled type

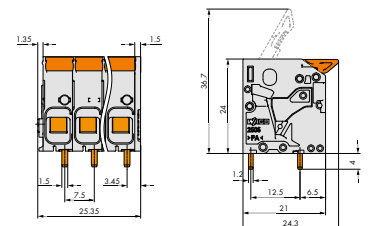
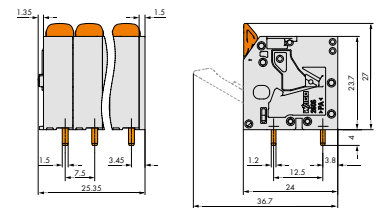


Insert solid conductors via push-in termination.

Insert fine-stranded conductors and remove all conductors via lever.

PCB terminal block for power supplies

2606 Series		
Pin spacing	7.5 mm	Conductor Data
Ratings per	IEC/EN 60664-1	Connection technology
Nominal voltage (III / 3)	800 V	Conductor range: solid
Rated voltage (III / 2)	1000 V	Conductor range: fine-stranded
Nominal voltage (II / 2)	1000 V	Conductor range: fine-stranded
Rated surge voltage	8 kV	Conductor range: fine-stranded
Rated current	41 A	AWG
	UL/CSA approval pending	Strip length
Pole No.	Item No.	
	Angled	Straight
1	2606-1101	2606-3101
2	2606-1102/0020-0000	2606-3102/0020-0000
3	2606-1103/0020-0000	2606-3103/0020-0000
4	2606-1104/0020-0000	2606-3104/0020-0000
5	2606-1105/0020-0000	2606-3105/0020-0000
6	2606-1106/0020-0000	2606-3106/0020-0000
7	2606-1107/0020-0000	2606-3107/0020-0000
8	2606-1108/0020-0000	2606-3108/0020-0000
9	2606-1109/0020-0000	2606-3109/0020-0000
10	2606-1110/0020-0000	2606-3110/0020-0000
11	2606-1111/0020-0000	2606-3111/0020-0000
12	2606-1112/0020-0000	2606-3112/0020-0000



# 2636 SERIES

- PCB terminal block (16 mm<sup>2</sup>) with tool-actuated and Push-in CAGE CLAMP® termination
- Straight or angled type
- Ideal for panel feedthrough applications via operation parallel to conductor entry



Insert solid conductors via push-in termination.

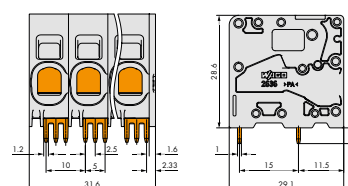
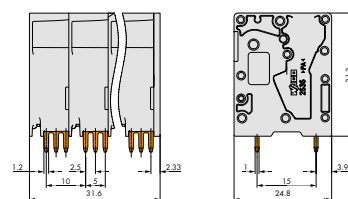


Insert fine-stranded conductors and remove all conductors via operating tool.



PCB terminal block for panel feedthrough connections

2636 Series			
Pin spacing	10 mm	Conductor Data	
Ratings per	IEC/EN 60664-1	Connection technology	Push-in CAGE CLAMP®
Nominal voltage (III / 3)	1000 V	Conductor range: solid	0.75 ... 16 mm <sup>2</sup>
Rated voltage (III / 2)	1000 V	Conductor range: fine-stranded	0.75 ... 25 mm <sup>2</sup>
Nominal voltage (II / 2)	1000 V	Conductor range: fine-stranded (with insulated ferrule)	0.75 ... 16 mm <sup>2</sup>
Rated surge voltage	8 kV	Conductor range: fine-stranded (with uninsulated ferrule)	0.75 ... 16 mm <sup>2</sup>
Rated current	76 A	AWG	18 ... 4
	UL/CSA approval pending	Strip length	18 ... 20 mm / 0.71 ... 0.79 inch
Pole No.	Item No.		
	Angled	Straight	
1	2636-1101	2636-3101	
2	2636-1102/0020-0000	2636-3102/0020-0000	
3	2636-1103/0020-0000	2636-3103/0020-0000	
4	2636-1104/0020-0000	2636-3104/0020-0000	
5	2636-1105/0020-0000	2636-3105/0020-0000	
6	2636-1106/0020-0000	2636-3106/0020-0000	
7	2636-1107/0020-0000	2636-3107/0020-0000	
8	2636-1108/0020-0000	2636-3108/0020-0000	
9	2636-1109/0020-0000	2636-3109/0020-0000	
10	2636-1110/0020-0000	2636-3110/0020-0000	
11	2636-1111/0020-0000	2636-3111/0020-0000	
12	2636-1112/0020-0000	2636-3112/0020-0000	



# 2616 SERIES

- PCB terminal block (16 mm<sup>2</sup>) with lever-actuated and Push-in CAGE CLAMP® termination
- 100 % tool-free operation
- Connection is secured when easy-to-use lever is lowered into closed position
- Lever locks into position (open/closed) with an audible click
- Straight or angled type



Available: April 2017



Insert solid conductors via push-in termination.

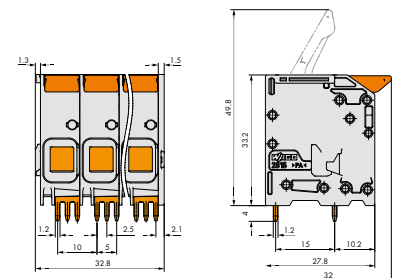
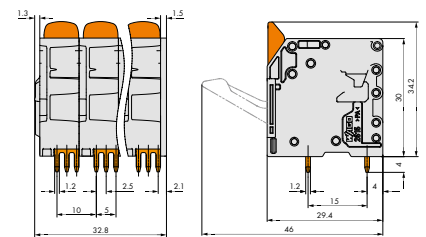


Insert fine-stranded conductors and remove all conductors via lever.



PCB terminal block for power supplies

2616 Series		
Pin spacing	10 mm	Conductor Data
Ratings per	IEC/EN 60664-1	Connection technology
Nominal voltage (III / 3)	1000 V	Conductor range: solid
Rated voltage (III / 2)	1000 V	Conductor range: fine-stranded
Nominal voltage (II / 2)	1000 V	Conductor range: fine-stranded (with insulated ferrule)
Rated surge voltage	8 kV	Conductor range: fine-stranded (with uninsulated ferrule)
Rated current	76 A	AWG
	UL/CSA approval pending	Strip length
Pole No.	Item No.	
	Angled	Straight
1	2616-1101	2616-3101
2	2616-1102/0020-0000	2616-3102/0020-0000
3	2616-1103/0020-0000	2616-3103/0020-0000
4	2616-1104/0020-0000	2616-3104/0020-0000
5	2616-1105/0020-0000	2616-3105/0020-0000
6	2616-1106/0020-0000	2616-3106/0020-0000
7	2616-1107/0020-0000	2616-3107/0020-0000
8	2616-1108/0020-0000	2616-3108/0020-0000
9	2616-1109/0020-0000	2616-3109/0020-0000
10	2616-1110/0020-0000	2616-3110/0020-0000
11	2616-1111/0020-0000	2616-3111/0020-0000
12	2616-1112/0020-0000	2616-3112/0000-0020



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