

PCB Terminal Blocks

– Product Overview –

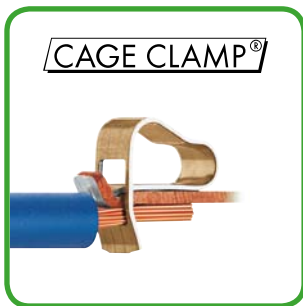


WAGO®
INNOVATIVE CONNECTIONS

The Entire Product Range

Types:	Terminal blocks, terminal strips (double-, triple-, quadruple-deck terminal strips), disconnect terminal blocks for test and measurement, fuse terminal blocks, modular PCB connectors, modular terminal blocks with commoning option
Spacing:	2.5 – 20 mm (0.098 – 0.787 in)
PCB mounting styles:	Through-Hole Technology (THT), Through-Hole Reflow (THR), Surface Mount Technology (SMT) and Press-In Technology
Conductor types:	Solid, stranded, fine-stranded and ferruled conductors
Conductor cross-sections:	0.08 – 16 mm ² (AWG 28 – 6)
Conductor entry angles:	0°, 30°, 40°, 45° and 90°
Termination and actuation options:	Push-in termination, actuation via operating tool, push-buttons, finger-operated levers, locking slides and operating levers

Connection technologies and handling:



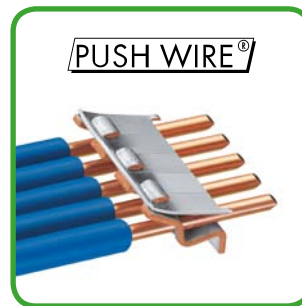
The universal connection for solid, stranded and fine-stranded conductors

Handling:
Open clamping unit, insert the conductor, release clamp – done!



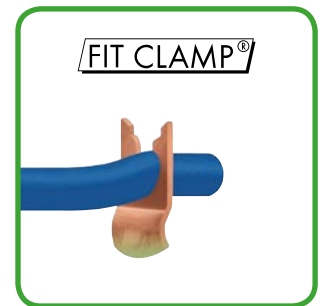
The universal connection with "SPECIAL"

Handling:
Open clamping unit, insert the conductor, release clamp – done!
Terminate both solid and ferruled conductors by simply pushing them in – no tool needed.



PUSH WIRE® connection for solid and stranded conductors (depending on model used)

Handling:
Tool-free, twist-free terminations for solid and rigid stranded conductors – simply push into unit.



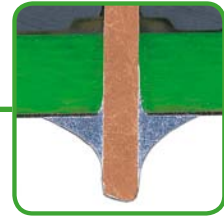
Insulation Displacement Connection (IDC)

Handling:
Push unstripped conductor into the IDC contact using an operating tool.

RoHS compliant

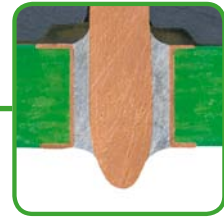
Through-Hole Technology

Wave soldering is the most popular method for soldering PCBs. WAGO offers a wide range of terminal blocks with various pin spacings.



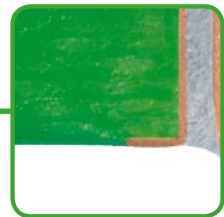
Through-Hole Reflow

Reflow soldering is the standard method for soldering SMD components. WAGO THR products can be placed together on the PCB with SMD components and soldered during the same reflow soldering process.



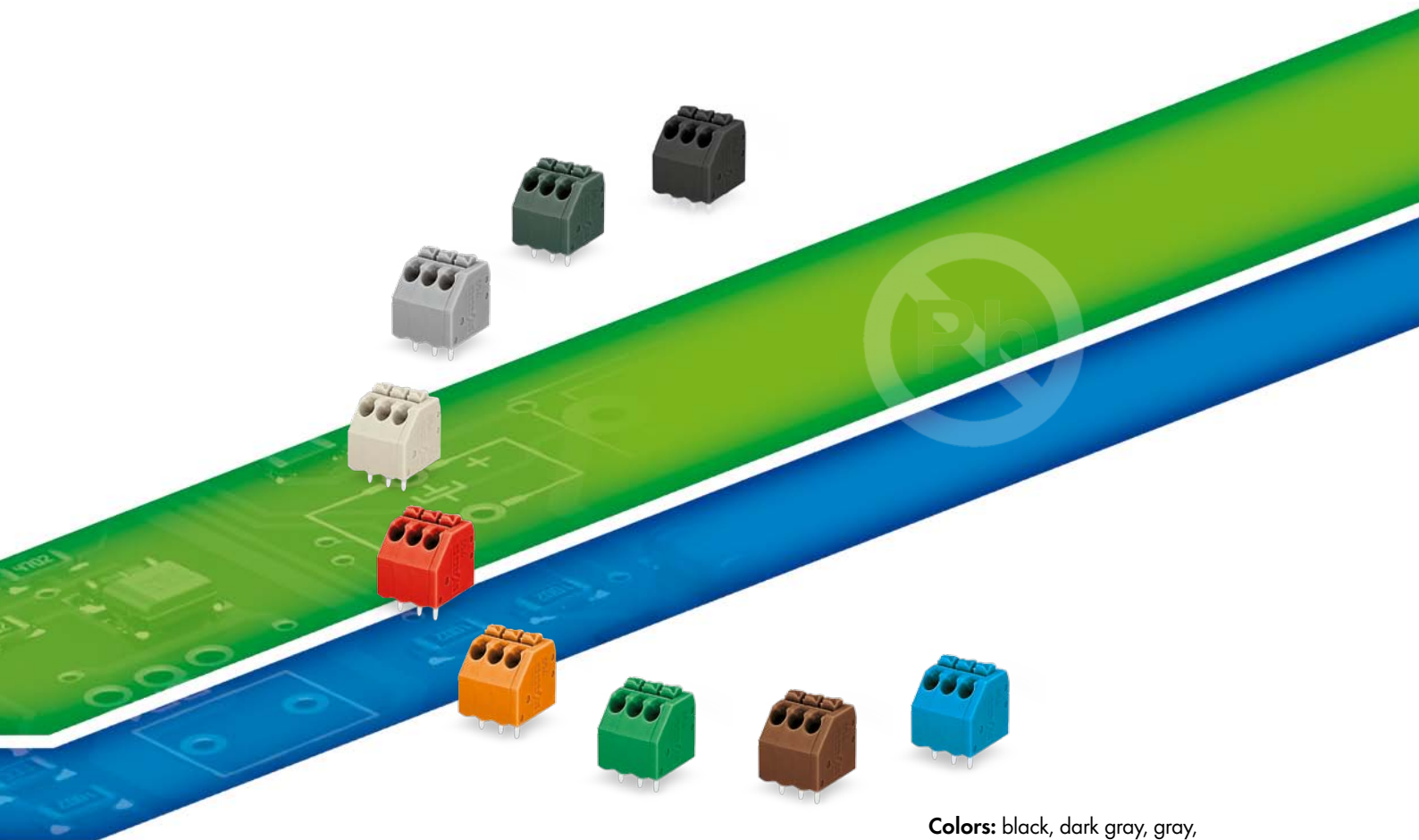
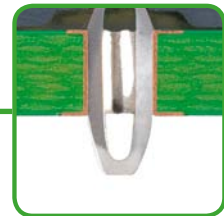
Surface Mount Technology

Surface Mount Technology (SMT) is a process in which components are only mounted on the surface of PCBs. The components are automatically positioned so that the terminal contacts are located on the solder surfaces of the PCB that were previously applied with solder paste. Then the assembled PCBs are processed in the reflow soldering process.



Press-In Technology

Press-in technology accommodates pin connections without additional soldering. Specially designed press-in pins ensure both low press-in forces and high retention forces in WAGO PCB terminal blocks. Their elastic press-in zones protect the PCBs while ensuring a good contact point.


















Colors: black, dark gray, gray, light gray, red, orange, green, brown, blue

The availability of these and other colors depends on series and quantity required.

PCB Terminal Blocks

2.5 mm, 2.54 mm	
233 Series	
CAGE CLAMP®	
0.08 - 0.5 mm² / AWG 28 - 20 233-105	
218 Series	
CAGE CLAMP®	
0.08 - 0.5 mm² / AWG 28 - 20 218-104	
218 Series	
THR	
CAGE CLAMP®	
0.08 - 0.5 mm² / AWG 28 - 20 218-104/000-604	
233 Series	
CAGE CLAMP®	
0.08 - 0.5 mm² / AWG 28 - 20 233-205	
234 Series	
CAGE CLAMP®	
0.08 - 0.5 mm² / AWG 28 - 20 234-208	
250 Series	
CAGE CLAMP®	
0.2 - 0.5 mm² / AWG 24 - 20 250-412	
250 Series	
THR	
2.5	
CAGE CLAMP®	
0.2 - 0.5 mm² / AWG 24 - 20 250-406/350-604	

3.5 mm, 3.81 mm	
739 Series	
CAGE CLAMP®	
0.08 - 1.5 mm² / AWG 28 - 14 739-305	
739 Series	
CAGE CLAMP®	
0.08 - 1.5 mm² / AWG 28 - 14 739-312/100-000	
235 Series	
3.81	
CAGE CLAMP®	
0.5 - 1.5 mm² / AWG 20 - 16 235-135	
805 Series	
3.5	
CAGE CLAMP®	
0.2 - 1.5 mm² / AWG 24 - 16 805-106	
805 Series	
3.5	
THR	
CAGE CLAMP®	
0.2 - 1.5 mm² / AWG 24 - 16 805-306/200-604	
250 Series	
3.5	
CAGE CLAMP®	
0.2 - 1.5 mm² / AWG 24 - 16 250-105	
250 Series	
3.5	
THR	
CAGE CLAMP®	
0.2 - 1.5 mm² / AWG 24 - 16 250-206/353-604	
2081 Series	
3.5	
CAGE CLAMP®	
0.2 - 1.5 mm² / AWG 24 - 16 2081-1206	
2081 Series	
3.5	
THR	
CAGE CLAMP®	
0.2 - 1.5 mm² / AWG 24 - 16 2081-1206/200-604	
251 Series	
3.5	
FIT CLAMP®	
PUSH WIRE®	
0.5 - 1.0/1.5 mm² / AWG 20 - 18/16 251-107 and 251-303 "sol."	
235 Series	
3.81	
PUSH WIRE®	
0.5 - 1.5 mm² / AWG 20 - 16 235-105/330-000 "sol."	
744 Series	
3.5	
PUSH WIRE®	
0.5 - 1.5 mm² / AWG 20 - 16 744-204 "sol."	
735 Series	
3.81	
PUSH WIRE®	
0.5 - 1.5 mm² / AWG 20 - 16 735-127 "sol."	

3.69 mm/4 mm	
2060 Series	
4	
SMT	
CAGE CLAMP®	
0.2 - 0.75 mm² / AWG 24 - 18 2060-402/998-404	
235 Series	
CAGE CLAMP®	
0.5 - 1.5 mm² / AWG 20 - 16 235-205	

- Product Overview Sorted by Pin Spacing -

5 mm, 5.08 mm			
<p>236 Series</p>  <p>CAGE CLAMP®</p> <p>0.08 - 2.5 mm² / AWG 28 - 12* 236-404</p>	<p>236 Series</p>  <p>THR</p> <p>5</p> <p>CAGE CLAMP®</p> <p>0.08 - 2.5 mm² / AWG 28 - 12* 236-406/334-604</p>	<p>745 Series</p>  <p>CAGE CLAMP®</p> <p>5</p> <p>0.08 - 4 mm² / AWG 28 - 12* 745-3104</p>	
<p>739 Series</p>  <p>CAGE CLAMP®</p> <p>0.08 - 2.5 mm² / AWG 28 - 12* 739-112</p>	<p>739 Series</p>  <p>CAGE CLAMP®</p> <p>0.08 - 2.5 mm² / AWG 28 - 12* 739-112/100-000</p>	<p>740 Series</p>  <p>5</p> <p>CAGE CLAMP®</p> <p>0.08 - 2.5 mm² / AWG 28 - 12* 740-105</p>	<p>816 Series</p>  <p>5</p> <p>CAGE CLAMP®</p> <p>2 x 0.2 - 1.5 mm² / 2 x AWG 24 - 16 816-105</p>
<p>Disconnect Terminal Blocks for Test and Measurement, 742 Series</p>  <p>CAGE CLAMP®</p> <p>0.08 - 2.5 mm² / AWG 28 - 12* 742-101</p>	<p>Terminal Blocks with Jumper Slot, 742 Series</p>  <p>CAGE CLAMP®</p> <p>0.08 - 2.5 mm² / AWG 28 - 12* 742-121</p>	<p>Fuse Terminal Blocks, 742 Series</p>  <p>CAGE CLAMP®</p> <p>0.08 - 2.5 mm² / AWG 28 - 12* 742-116</p>	
<p>736 Series</p>  <p>CAGE CLAMP®</p> <p>0.08 - 2.5 mm² / AWG 28 - 12* 736-106</p>	<p>737 Series</p>  <p>CAGE CLAMP®</p> <p>0.08 - 2.5 mm² / AWG 28 - 12* 737-106</p>	<p>738 Series</p>  <p>CAGE CLAMP®</p> <p>0.08 - 2.5 mm² / AWG 28 - 12* 738-108</p>	
<p>255 Series</p>  <p>CAGE CLAMP®</p> <p>0.08 - 2.5 mm² / AWG 28 - 12* 255-405</p>	<p>256 Series</p>  <p>CAGE CLAMP®</p> <p>0.08 - 2.5 mm² / AWG 28 - 12* 256-405</p>	<p>257 Series</p>  <p>CAGE CLAMP®</p> <p>0.08 - 2.5 mm² / AWG 28 - 12* 257-405</p>	
<p>235 Series</p>  <p>CAGE CLAMP®</p> <p>0.5 - 1.5 mm² / AWG 20 - 14 235-405/331-000</p>	<p>250 Series</p>  <p>5</p> <p>CAGE CLAMP®</p> <p>0.5 - 1.5 mm² / AWG 20 - 14 250-513</p>	<p>250 Series</p>  <p>5</p> <p>CAGE CLAMP®</p> <p>2 x 0.5 - 1.5 mm² / AWG 20 - 14 250-704</p>	<p>804 Series</p>  <p>5</p> <p>CAGE CLAMP®</p> <p>0.2 - 2.5 mm² / AWG 28 - 12 804-105</p>
<p>235 Series</p>  <p>PUSH WIRE®</p> <p>0.5 - 2.5 mm² / AWG 20 - 14 235-405 "sol."</p>	<p>254 Series</p>  <p>PUSH WIRE®</p> <p>0.5 - 2.5 mm² / AWG 20 - 12* 254-455 "sol."</p>	<p>253 Series</p>  <p>5</p> <p>PUSH WIRE®</p> <p>2 x 0.5 - 1.5 mm² / 2 x AWG 20 - 16 253 - 105 "sol."</p>	<p>735 Series</p>  <p>5</p> <p>PUSH WIRE®</p> <p>0.5 - 1.5 mm² / AWG 20 - 16 735 - 307 "sol."</p>
<p>Feedthrough terminal blocks, 741 Series</p>  <p>CAGE CLAMP®</p> <p>0.08 - 2.5 mm² / AWG 28 - 12* 235-405 "sol."</p>	<p>Feedthrough terminal blocks, 231 Series</p>  <p>CAGE CLAMP®</p> <p>0.08 - 2.5 mm² / AWG 28 - 12* 254-455 "sol."</p>		

7.5 mm	
<p>236 Series</p>  <p>CAGE CLAMP®</p> <p>0.08 - 2.5 mm² / AWG 28 - 12* 236-503</p>	<p>745 Series</p>  <p>CAGE CLAMP®</p> <p>0.08 - 4 mm² / AWG 28 - 12* 745-3153</p>
<p>739 Series</p>  <p>CAGE CLAMP®</p> <p>0.08 - 2.5 mm² / AWG 28 - 12* 739-206</p>	<p>739 Series</p>  <p>CAGE CLAMP®</p> <p>0.08 - 2.5 mm² / AWG 28 - 12* 739-206/100-000</p>
<p>745 Series</p>  <p>CAGE CLAMP®</p> <p>7.5</p> <p>0.2 - 4 mm² / AWG 28 - 12* 745-154</p>	<p>745 Series</p>  <p>CAGE CLAMP®</p> <p>0.2 - 6 mm² / AWG 28 - 12* 745-304</p>
<p>736 Series</p>  <p>CAGE CLAMP®</p> <p>0.08 - 2.5 mm² / AWG 28 - 12* 736-505</p>	<p>737 Series</p>  <p>CAGE CLAMP®</p> <p>0.08 - 2.5 mm² / AWG 28 - 12* 737-506</p>
<p>255 Series</p>  <p>CAGE CLAMP®</p> <p>0.08 - 2.5 mm² / AWG 28 - 12* 255-504</p>	<p>256 Series</p>  <p>CAGE CLAMP®</p> <p>0.08 - 2.5 mm² / AWG 28 - 12* 256-503</p>
<p>235 Series</p>  <p>CAGE CLAMP®</p> <p>0.5 - 1.5 mm² / AWG 20 - 14 235-503/331-000</p>	<p>250 Series</p>  <p>CAGE CLAMP®</p> <p>0.5 - 1.5 mm² / AWG 20 - 14 250-606</p>
<p>2706 Series</p>  <p>CAGE CLAMP®</p> <p>7.5</p> <p>0.5 - 6 mm² / AWG 20 - 10 2706-104</p>	<p>2706 Series</p>  <p>CAGE CLAMP®</p> <p>0.5 - 6 mm² / AWG 20 - 10 2706-154</p>
<p>235 Series</p>  <p>PUSH WIRE®</p> <p>0.5 - 2.5 mm² / AWG 20 - 14 235-503 "sol."</p>	<p>254 Series</p>  <p>PUSH WIRE®</p> <p>0.5 - 2.5 mm² / AWG 20 - 12* 254-554 "sol."</p>

Only available in this pin spacing



with jumper slot

* AWG 12: THHN, THWN



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