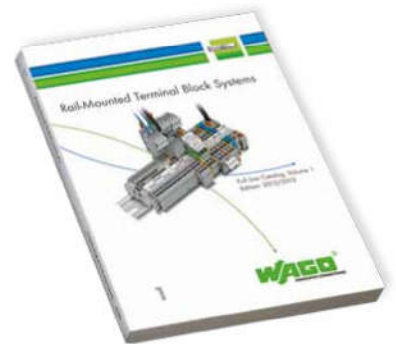


WAGO Full Line Catalogs

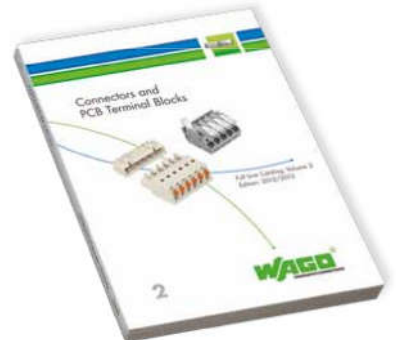
Volume 1, Rail-Mounted Terminal Block Systems

- Rail-Mounted Terminal Blocks
- Modular Connectors (X-COM[®]-SYSTEM and X-COM[®]S-SYSTEM)
- Patchboard Systems
- Terminal Strips
- PUSH WIRE[®] Connectors for Junction Boxes
- Lighting Connectors
- Shield Connecting System



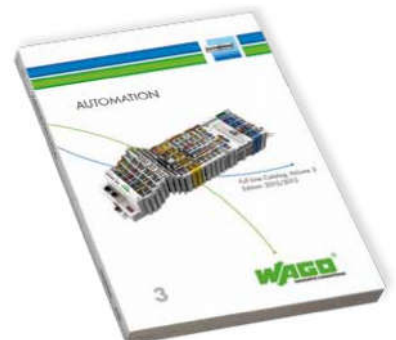
Volume 2, Connectors and PCB Terminal Blocks

- PCB Terminal Blocks
- Feedthrough Terminal Blocks
- MULTI CONNECTION SYSTEM (MCS)
- Pluggable PCB Terminal Blocks
- Specialty Connectors



Volume 3, AUTOMATION

- IP20 Modular I/O-SYSTEM
- Radio Technology, TO-PASS[®] Telecontrol Technology
- Industrial Switches, PERSPECTO[®]
- IP67 Modular I/O-SYSTEM, IP67 Block I/O-SYSTEM
- IP67 Sensor/Actuator Boxes, IP67 Cables and Connectors
- Power Supplies



Volume 4, INTERFACE ELECTRONIC

- Relays - Optocouplers - Specialty Functions
- Interface Modules
- Transducers
- Power Supplies
- Overvoltage Protection
- Wireless Technology
- Empty Housings and DIN-Rail Mount Carriers



Volume 5, WINSTA[®] - The Pluggable Connection System

- WINSTA[®] MINI - Pluggable Connectors
- WINSTA[®] MINI special - Pluggable Connectors
- WINSTA[®] MIDI - Pluggable Connectors
- WINSTA[®] MIDI special - Pluggable Connectors
- WINSTA[®] MAXI - Pluggable Connectors
- WINSTA[®] RD - Cable Assemblies
- WINSTA[®] KNX - Pluggable Connectors
- WINSTA[®] IDC - Flat Cables



PCB Terminal Strips with Locking Slides 0.5 mm²

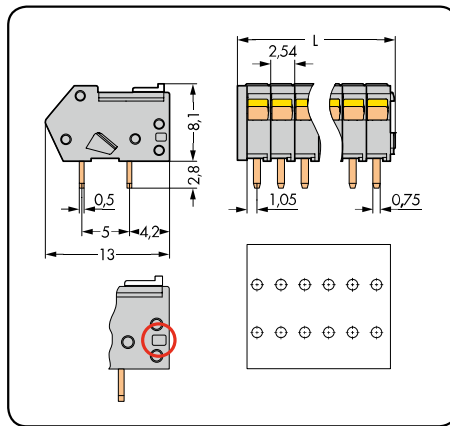
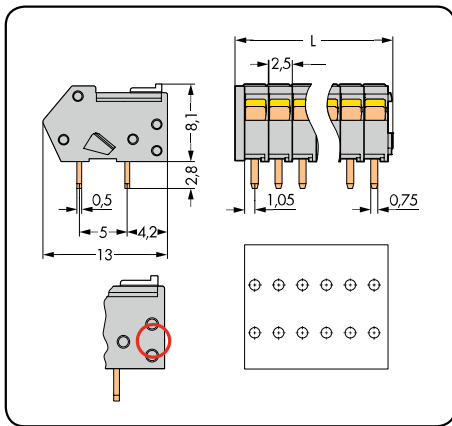
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Pin spacing 2.5 mm / 0.098 in		Pin spacing 2.54 mm / 0.1 in	
0.08 – 0.5 mm ²	AWG 28 – 20	0.08 – 0.5 mm ²	AWG 28 – 20
160 V/2.5 kV/2 6 A	150 V/4 A	160 V/2.5 kV/2 6 A	150 V/4 A



$L = (\text{pole no.} \times \text{pin spacing}) + 1.5 \text{ mm}$

○ A groove at the back of the terminal strip differentiates between the two pin spacings.

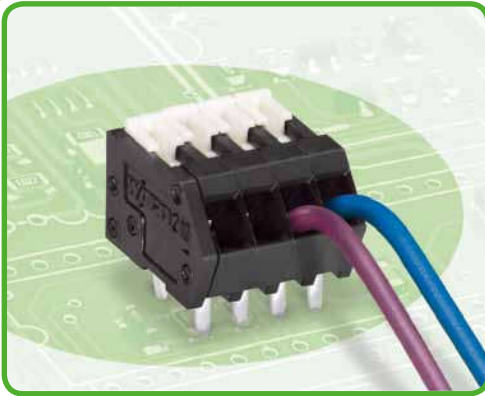
Pole No.	Item No.	Pack. Unit	Pole No.	Item No.	Pack. Unit
Terminal strip with locking slides, 2 solder pins/pole in line, gray, locking slides, white			Terminal strip with locking slides, 2 solder pins/pole in line, gray, locking slides, white		
2	218-102	1000 (10 x 100)	2	218-502	1000 (10 x 100)
3	218-103	1000 (10 x 100)	3	218-503	1000 (10 x 100)
4	218-104	500 (5 x 100)	4	218-504	500 (5 x 100)
5	218-105	500 (5 x 100)	5	218-505	500 (5 x 100)
6	218-106	280 (4 x 70)	6	218-506	280 (4 x 70)
7	218-107	240 (4 x 60)	7	218-507	240 (4 x 60)
8	218-108	220 (4 x 55)	8	218-508	220 (4 x 55)
9	218-109	200 (4 x 50)	9	218-509	200 (4 x 50)
10	218-110	180 (4 x 45)	10	218-510	160 (4 x 40)
11	218-111	160 (4 x 40)	11	218-511	160 (4 x 40)
12	218-112	140 (4 x 35)	12	218-512	140 (4 x 35)
13	218-113	140 (4 x 35)	13	218-513	140 (4 x 35)
14	218-114	120 (4 x 30)	14	218-514	120 (4 x 30)
15	218-115	120 (4 x 30)	15	218-515	120 (4 x 30)
16	218-116	100 (4 x 25)	16	218-516	100 (4 x 25)
:	:		:	:	
21	218-121	80 (4 x 20)	21	218-521	80 (4 x 20)
22	218-122	80 (4 x 20)	22	218-522	80 (4 x 20)
23	218-123	80 (4 x 20)	23	218-523	80 (4 x 20)
24	218-124	60 (4 x 15)	24	218-524	60 (4 x 15)

Item no. suffixes for colored terminal strips: (Production and prices depend on quantity required)

● black/000-004	Ordering example: Terminal strip, 2.5 mm pin spacing, 8-pole, orange 2 solder pins in line: 218-108/000-012
● red/000-005	
● blue/000-006	
● orange/000-012	
● green/000-023	
○ white/000-050	

Please contact factory for other lengths, colors, mixed-color terminal strips, or direct marking.

PCB Terminal Strips with Locking Slides 0.5 mm², THR (Through-Hole Reflow*) Pin Spacing 2.5 mm, 2.54 mm 218 Series



- Terminal strips are just 8.1 mm high and feature an innovative, locking slide-actuated CAGE CLAMP®
- Several clamping units can be held open simultaneously
- Easy termination of stranded conductors in tight spaces (e.g., bus connectors)
- THR soldering provides integration into SMT assembly and soldering processes

Technical data:

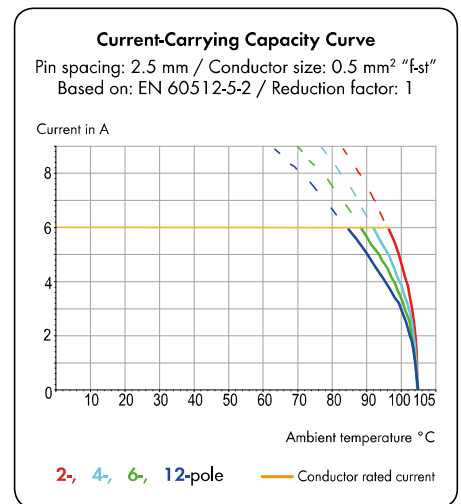
Pin Spacing	2.5 mm 0.098 in			2.54 mm 0.1 in		
	IEC/EN 60664-1			IEC/EN 60664-1		
Rating per	III	III	II	III	III	II
Overvoltage category	III	III	II	III	III	II
Pollution degree	3	2	2	3	2	2
Rated voltage	32 V	160 V	160 V	32 V	160 V	160 V
Rated surge voltage	2.5 kV	2.5 kV	2.5 kV	2.5 kV	2.5 kV	2.5 kV
Nominal current	6 A	6 A	6 A	6 A	6 A	6 A
Approvals per	UL/CSA			UL/CSA		
Use group UL 1059	B	C	D	B	C	D
Rated voltage	-	-	-	-	-	-
Nominal current UL	-	-	-	-	-	-
Nominal current CSA	-	-	-	-	-	-

Conductor and solder pin data:

Connection technology	CAGE CLAMP®
Conductor size: solid	0.08 - 0.5 mm ² **
Conductor size: fine-stranded	0.08 - 0.5 mm ² **
Conductor size: fine-stranded	0.25 mm ² (with insulated ferrule)
Conductor size: fine-stranded	0.25 mm ² (with uninsulated ferrule)
AWG	28 - 20**
Strip length	5 - 6 mm / 0.20 - 0.24 in
Conductor entry angle	40° to PCB
Solder pin: length/width	2.8 mm / 0.5 x 0.75 mm
Solder pin: metal-plated hole diam.	1.1 ^{+0.1} mm

Material data:

Material group	III a
Insulating material	Nylon 4.6 (PA 4.6)
Flammability rating per UL 94	V2
Lower/Upper temperature limit	-60 °C / +115 °C
Clamping spring material	Chrome-nickel spring steel (CrNi)
Contact material	Electrolytic copper (E _{Cu})
Contact plating	tin-plated



218 Series accessories:

Page:

Marking accessories	540 - 543
Operating tools	526 - 528
Test pin	538

** Terminating 0.75 mm² / AWG 18 conductors is possible; however insulation diameter does not allow clamping units to be terminated in a row.

PCB Terminal Strips with Locking Slides 0.5 mm², THR

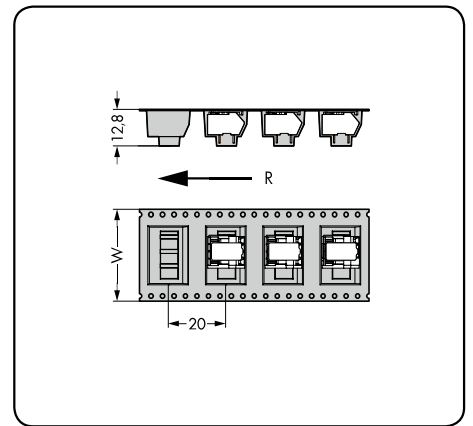
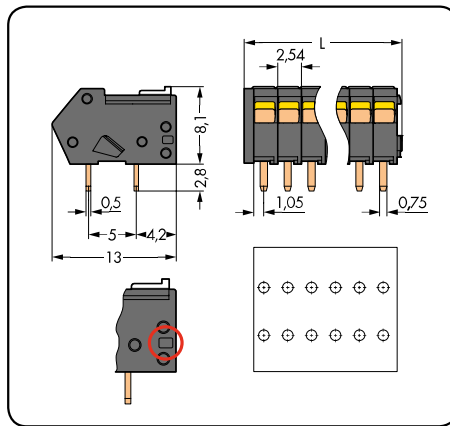
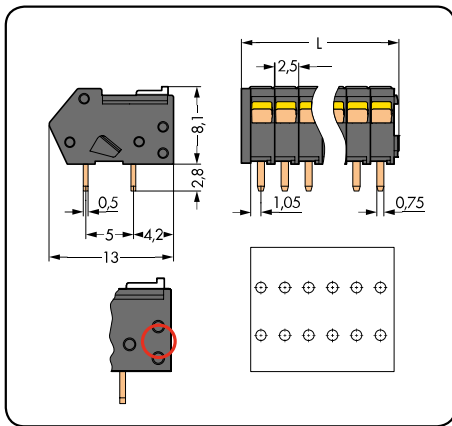
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Pin spacing 2.5 mm / 0.098 in 0.08 – 0.5 mm ² AWG 28 – 20 160 V/2.5 kV/2 6 A		Pin spacing 2.54 mm / 0.1 in 0.08 – 0.5 mm ² AWG 28 – 20 160 V/2.5 kV/2 6 A		Terminal strips in tape-and-reel packaging Pin spacing 2.5 mm Pin Spacing 2.54 mm
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L = (pole no. x pin spacing) + 1.5 mm

○ A groove at the back of the terminal strip differentiates between the two pin spacings.

W = Tape width

R = Feed direction

Pole No.	Item No.	Pack. Unit	Pole No.	Item No.	Pack. Unit	Pole No.	Item No.	W
Terminal strip with locking slides, 2 solder pins/pole in line, black, locking slides, white			Terminal strip with locking slides, 2 solder pins/pole in line, black, locking slides, white			Terminal strips with additional suction pad in tape-and-reel packaging acc. to IEC 60286-3, 2.5 mm pin spacing:		
2	218-102/000-604	1000 (10 x 100)	2	218-502/000-604	1000 (10 x 100)	2	218-102/000-604/997-403	16 (mm)
3	218-103/000-604	1000 (10 x 100)	3	218-503/000-604	1000 (10 x 100)	3	218-103/000-604/997-405	32
4	218-104/000-604	500 (5 x 100)	4	218-504/000-604	500 (5 x 100)	4	218-104/000-604/997-405	32
5	218-105/000-604	500 (5 x 100)	5	218-505/000-604	500 (5 x 100)	5	218-105/000-604/997-405	32
6	218-106/000-604	280 (4 x 70)	6	218-506/000-604	280 (4 x 70)	6	218-106/000-604/997-405	32
7	218-107/000-604	240 (4 x 60)	7	218-507/000-604	240 (4 x 60)	7	218-107/000-604/997-405	32
						Terminal strips with additional suction pad in tape-and-reel packaging acc. to IEC 60286-3, 2.54 mm pin spacing:		
						(mm)		
						2	218-502/000-604/997-403	16
						3	218-503/000-604/997-405	32
						4	218-504/000-604/997-405	32
						5	218-505/000-604/997-405	32
						6	218-506/000-604/997-405	32
						7	218-507/000-604/997-405	32
						330 mm reel diameter, 250 pieces per reel		

For other lengths and direct marking, please contact factory.

