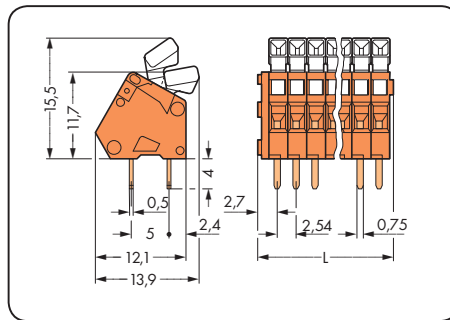
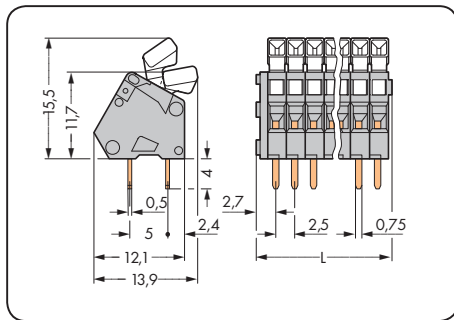
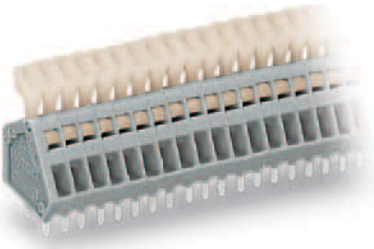


PCB Terminal Strips with Push-Buttons 0.5 mm²

CAGE CLAMP®

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

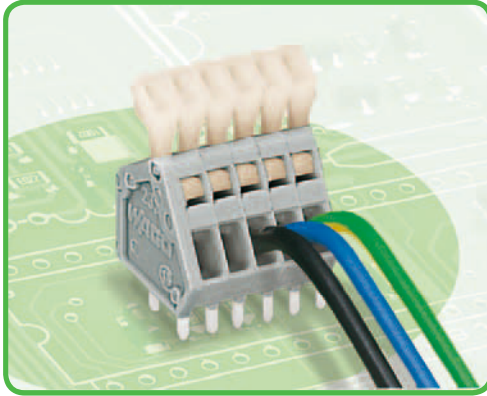


L = (pole no. x pin spacing) + 2.3 mm

Pole No.	Item No.	Pack. Unit	Pole No.	Item No.	Pack. Unit
Terminal strip with push-buttons, 2 solder pins/pole, gray			Terminal strip with push-buttons, 2 solder pins/pole, orange		
2	233-202	600 (6 x 100)	2	233-502	600 (6 x 100)
3	233-203	500 (4 x 125)	3	233-503	500 (4 x 125)
4	233-204	400 (4 x 100)	4	233-504	400 (4 x 100)
5	233-205	340 (4 x 85)	5	233-505	340 (4 x 85)
6	233-206	280 (4 x 70)	6	233-506	280 (4 x 70)
7	233-207	240 (4 x 60)	7	233-507	240 (4 x 60)
8	233-208	220 (4 x 55)	8	233-508	220 (4 x 55)
9	233-209	200 (4 x 50)	9	233-509	200 (4 x 50)
10	233-210	180 (4 x 45)	10	233-510	180 (4 x 45)
12	233-212	140 (4 x 35)	12	233-512	140 (4 x 35)
16	233-216	100 (4 x 25)	16	233-516	100 (4 x 25)
24	233-224	80 (4 x 20)	24	233-524	80 (4 x 20)
Item No. Suffixes: Colored Terminal Strips, 2.5 mm Pin Spacing			Item No. Suffixes: Colored Terminal Strips, 2.54 mm Pin Spacing		
● light green /000-017			● yellow /000-002		
● red /000-005			● black /000-004		
● green /000-023			● red /000-005		
			● blue /000-006		
			● brown /000-014		
			○ white /000-050		
Ordering example: Terminal strip, 2.5 mm pin spacing, 8-pole, green: 233-208/000-023			Ordering example: Terminal strip, 2.54 mm pin spacing, 8-pole, brown: 233-508/000-014		
(Production and prices depend on quantity required)			(Production and prices depend on quantity required)		

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

PCB Terminal Strips with Push-Buttons 0.5 mm² Pin Spacing 2.5 mm, 2.54 mm 233 Series



- Terminal strips with push-button actuated CAGE CLAMP®
- Double solder pins for high stability on the PCB
- Ideal for in-the-field wiring thanks to simplified push-button actuation
- Convenient, tool-free operation
- For 233 Series without push-buttons, see page 19

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						
Overvoltage category	III	III	II	III	III	II
Pollution degree	3	2	2	3	2	2
Rated voltage	63 V	160 V	320 V	63 V	160 V	320 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	150 V	-	-	150 V	-	-
Nominal current UL	4 A	-	-	4 A	-	-
Nominal current CSA	4 A	-	-	4 A	-	-

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	30° to PCB
Solder pin: length/width	4 mm / 0.5 x 0.75 mm
Solder pin: drilled hole diameter	1.1 ^{+0.1} mm

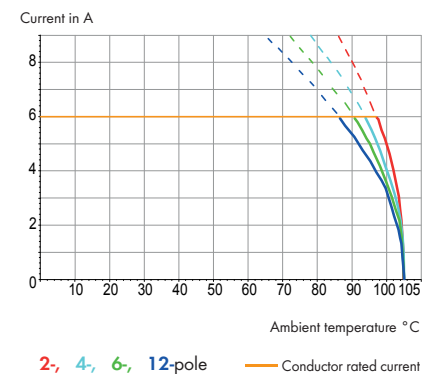
Material data:

Material group	I
Insulating material	Nylon 6.6 (PA 6.6)
Flammability rating per UL 94	V0
Lower/Upper temperature limit	-60°C / +105°C
Clamping spring material	Chrome-nickel spring steel (CrNi)
Contact material	Electrolytic copper (E _{cu})
Contact plating	tin-plated

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

Current-Carrying Capacity Curve

Pin spacing: 2.5 mm / Conductor size: 0.5 mm² "f-st"
Based on: EN 60512-5-2 / Reduction factor: 1



233 Series accessories:

Page:

Marking accessories	540 - 543
Operating tools	526 - 528