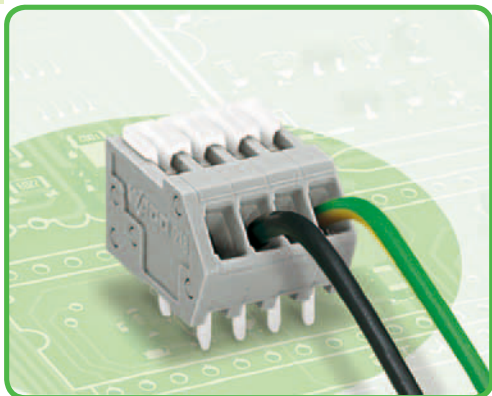


# PCB Terminal Strips with Locking Slides 0.5 mm<sup>2</sup> Pin Spacing 2.5 mm, 2.54 mm 218 Series



- 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)

## 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						
Overtoltage category	III	III	II	III	III	II
Pollution degree	3	2	2	3	2	2
Rated voltage	80 V	160 V	320 V	80 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 <sup>2</sup> *
Conductor size: fine-stranded	0.08 - 0.5 mm <sup>2</sup> *
Conductor size: fine-stranded	0.25 mm <sup>2</sup> (with insulated ferrule)
Conductor size: fine-stranded	0.25 mm <sup>2</sup> (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: drilled hole diameter	1.1 <sup>+0.1</sup> mm

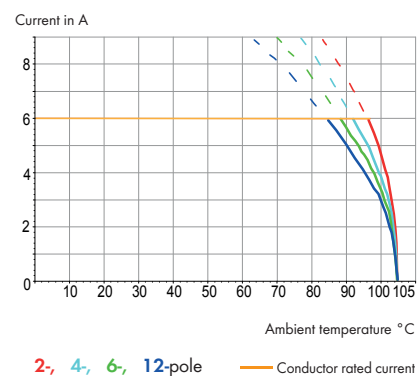
## Material data:

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 <sub>cu</sub> )
Contact plating	tin-plated

\* Terminating 0.75 mm<sup>2</sup> / 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 mm<sup>2</sup> "f-st"  
Based on: EN 60512-5-2 / Reduction factor: 1



## 218 Series accessories:

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