

PCB Terminal Strips with Locking Slides 0.5 mm² Pin Spacing: 2.5 mm, 2.54 mm 218 Series



- PCB 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		
Ratings per	III	III	II	III	III	II
Overtoltage category	3	2	2	3	2	2
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:

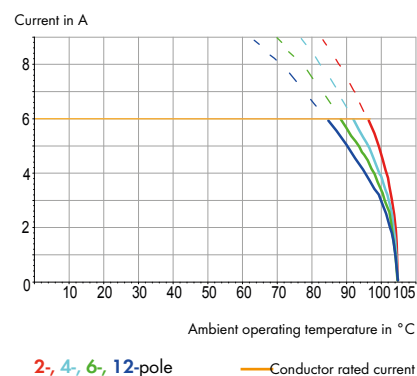
Connection technology	CAGE CLAMP®
Conductor size: solid	0.08 ... 0.5 mm ² *
Conductor size: fine-stranded	0.08 ... 0.5 mm ² *
Conductor size: fine-stranded	0.25 mm ² (with insulated ferrule)
Conductor size: fine-stranded	0.25 mm ² (with uninsulated ferrule)
AWG	28 ... 20 *
Strip length	5 ... 6 mm / 0.20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

Material data:

Material group	I
Insulating material	Polyamide 66 (PA 66)
Flammability rating per UL 94	V0
Lower/Upper limit temperature	-60 °C / +105 °C
Clamping spring material	Chrome nickel spring steel (CrNi)
Contact material	Electrolytic copper (E _{Cu})
Contact plating	tin-plated

Current-Carrying Capacity Curve

Pin spacing: 2.5 mm / Conductor cross section 0.5 mm² *f'
Based on: EN 60512-5-2 / Reduction factor 1



218 Series accessories:

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* Termination of conductors 0.75 mm²/18 AWG is possible; however insulation diameter allows only every other clamping unit to be terminated with this conductor size.