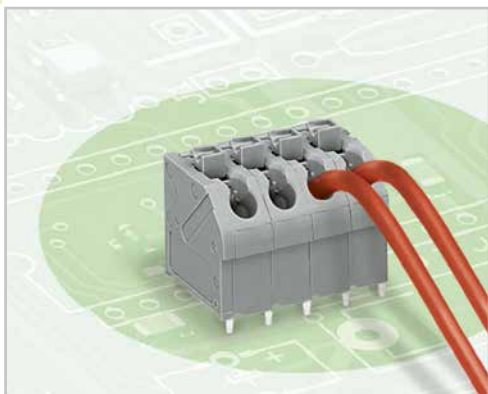


PCB Terminal Strips with Push-buttons 1.5 mm²

Pin Spacing: 5 mm, 7.5 mm

250 Series



- Compact PCB terminal strips with push-buttons
- Simple, push-in terminations of solid and ferruled conductors
- Push-button operation for connecting of fine-stranded conductors and removing of conductors
- 45° conductor entry angle provides easy, space-saving wiring

Technical data:

Pin Spacing	5 mm 0.197 in.			7.5 mm 0.295 in.		
	IEC/EN 60664-1			IEC/EN 60664-1		
Ratings per						
Overtoltage category	III	III	II	III	III	II
Pollution degree	3	2	2	3	2	2
Rated voltage	320 V	320 V	630 V	500 V	630 V	1000 V
Rated surge voltage	4 kV	4 kV	4 kV	6 kV	6 kV	6 kV
Nominal current	17.5A	17.5A	17.5A	17.5A	17.5A	17.5A
Approvals per	UL/CSA			UL/CSA		
Use group UL1059	B	C	D	B	C	D
Rated voltage	300 V	-	300 V	300 V	-	300 V
Nominal current UL	2 A	-	2 A	2 A	-	2 A
Nominal current CSA	10 A	-	10 A	10 A	-	10 A

Conductor and solder pin data:

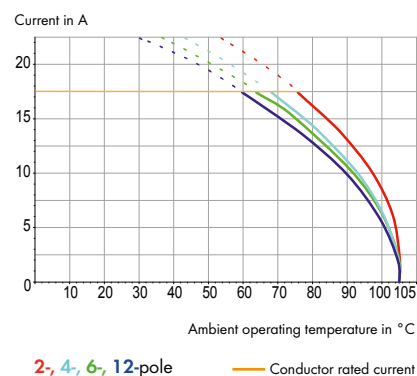
Connection technology	Push-in CAGE CLAMP®
Conductor size: solid	0.5 ... 1.5 mm ²
Conductor size: fine-stranded	0.5 mm ² /20 AWG (I max. 2 A)
Conductor size: fine-stranded	0.75 ... 1.5 mm ² (I max. 4 A)
Conductor size: fine-stranded	0.5 ... 1 mm ² (with insulated ferrule)
Conductor size: fine-stranded	0.5 ... 1 mm ² (with uninsulated ferrule)
AWG	20 ... 16 (20 ... 14 "sol.")
Strip length	9 ... 10 mm / 0.35 ... 0.39 in.
Conductor entry angle	45° to PCB
Solder pin: length/width	4 mm / 0.5 x 0.75 mm
Solder pin: drilled hole diameter	1.2 ^{-0.1} mm

Material data:

Material group	I
Insulating material	Polyamide 46 (PA 46)
Flammability class 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: 5 mm / Conductor size: 1.5 mm² "sol."
Based on: EN 60512-5-2 / Reduction factor: 1



250 Series accessories:

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