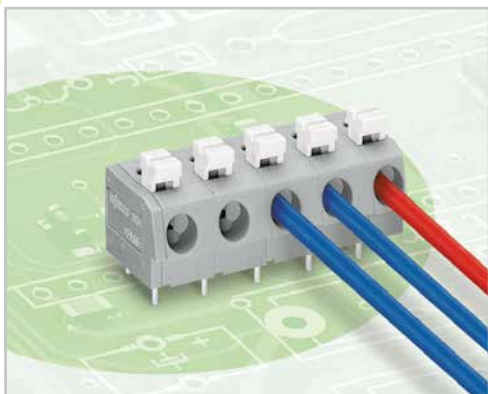


PCB Terminal Strips with Push-buttons 2.5 mm² Pin Spacing: 5 mm, 7.5 mm 804 Series



- PCB terminal strips with push-button actuated Push-in CAGE CLAMP®
- Simple, push-in terminations of solid and ferruled conductors
- A large conductor entry accommodates conductors with a cross section up to 12 AWG with an insulation diameter up to 4.2 mm
- PCB terminal strips with spacers to increase pin spacing
- Versions available with custom internal commoning (factory assembly), e.g., commoning ground conductor

Technical data:

Pin Spacing	5 mm 0.197 in.			7.5 mm 0.295 in.			
Ratings per	IEC/EN 60664-1			IEC/EN 60664-1			
Overvoltage category	III	III	II	III	III	II	
Pollution degree	3	2	2	3	2	2	
Rated voltage	250 V	320 V	630 V	320 V	320 V	630 V	
Rated surge voltage	4 kV	4 kV	4 kV	4 kV	4 kV	4 kV	
Nominal current	24 A	24 A	24 A	24 A	24 A	24 A	
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	10 A	-	10 A	10 A	-	10 A	
Nominal current CSA	10 A	-	10 A	10 A	-	10 A	

Conductor and solder pin data:

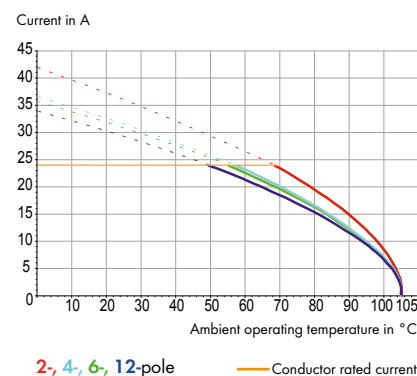
Connection technology	Push-in CAGE CLAMP®
Conductor size: solid	0.25 ... 2.5 mm ²
Conductor size: fine-stranded	0.25 ... 2.5 mm ²
Conductor size: fine-stranded	0.25 ... 1.5 mm ² (with insulated ferrule)
Conductor size: fine-stranded	0.25 ... 2.5 mm ² (with uninsulated ferrule)
AWG	20 ... 12
Strip length	10 ... 11 mm / 0.39 ... 0.43 in.
Conductor entry angle	0° to PCB
Solder pin: length/width	3.6 mm / 0.8 x 0.6 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: 5 mm / Conductor size: 2.5 mm² "f-st"
Based on: EN 60512-5-2 / Reduction factor: 1



804 Series accessories:

Page:

Marking accessories	570
Operating tools	556
Test plug	568