PCB Terminal Strips with Operating Levers 16 mm²
Pin Spacing: 10 mm, 15 mm
2716 Series

- High-current PCB terminal strips with lever-actuated CAGE CLAMP®
- Tool-free opening and closing – fingers open/close levers
- Several clamping units can be held open simultaneously – convenient for terminating multi-core cables
- Four solder pins per contact point for high mechanical stability
- 600 V UL for pin spacing of 15 mm / 0.591 in.
- Pin and dimensions compatible to high-current, screw-type PCB terminal blocks

Technical data:

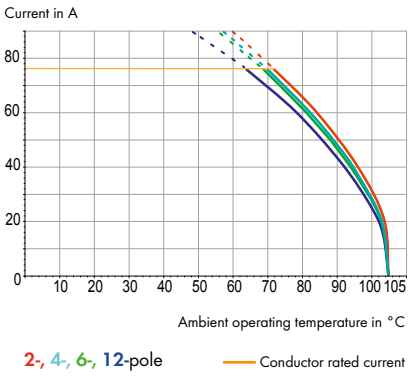
Pin Spacing	10 mm 0.394 in.			15 mm 0.591 in.			
Ratings per	IEC/EN 60664-1			IEC/EN 60664-1			
Overvoltage category	III	III	II	III	III	II	
Pollution degree	3	2	2	3	2	2	
Rated voltage	320 V	320 V	630 V	800 V	1000 V	1000 V	
Rated surge voltage	4 kV	4 kV	4 kV	8 kV	8 kV	8 kV	
Nominal current	76 A	76 A	76 A	76 A	76 A	76 A	
Approvals per	UL			UL			
Usegroup UL 1059	B	C	D	B	C	D	
Rated voltage	300 V	150 V	300 V	600 V	600 V	–	
Nominal current UL	55 A	55 A	10 A	65 A	65 A	–	
Nominal current CSA	–	–	–	–	–	–	

Conductor and solder pin data:

Connection technology	CAGE CLAMP®	
Conductor size: solid	1.5 … 16 mm²	
Conductor size: fine-stranded	1.5 … 16 mm²	
Conductor size: fine-stranded	1.5 … 10 mm²	(with insulated ferrule)
Conductor size: fine-stranded	1.5 … 10 mm²	(with uninsulated ferrule)
AWG	16 … 6	
Strip length	12 … 13 mm / 0.47 … 0.51 in.	
Conductor entry angle	30° to PCB	
Solder pin: length/width	4.5 mm / 0.95 x 1.2 mm	
Solder pin: drilled hole diameter	$1.6^{+0.1}$ mm	

Current-Carrying Capacity Curve

Pin spacing: 10 mm / Conductor size: 16 mm² "f-st"
Based on: EN 60512-5-2 / Reduction factor: 1



Material data:

Material group	I
Insulating material	Polyamide 66 (PA 66)
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

2716 Series accessories:

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