



PCB terminal block; Push-button; 1.5 mm²; Pin spacing 5 mm; 7-pole; Push-in CAGE CLAMP®

Item No.: 250-507



PCB terminal block; Push-button; 1.5 mm²; Pin spacing 5 mm; 7-pole; Push-in CAGE CLAMP®

Marking

RoHS ✓
Compliant

Business data

Supplier	WAGO
Item no.	250-507
GTIN / EAN	4044918634564
Content	1

Notes

Item description: Compact terminal strips with push-buttons Simple, push-in terminations of solid and ferruled conductors Termination/removal of fine-stranded conductors via push-buttons 45° conductor entry angle provides easy, space-saving wiring

Technical data

Miscellaneous

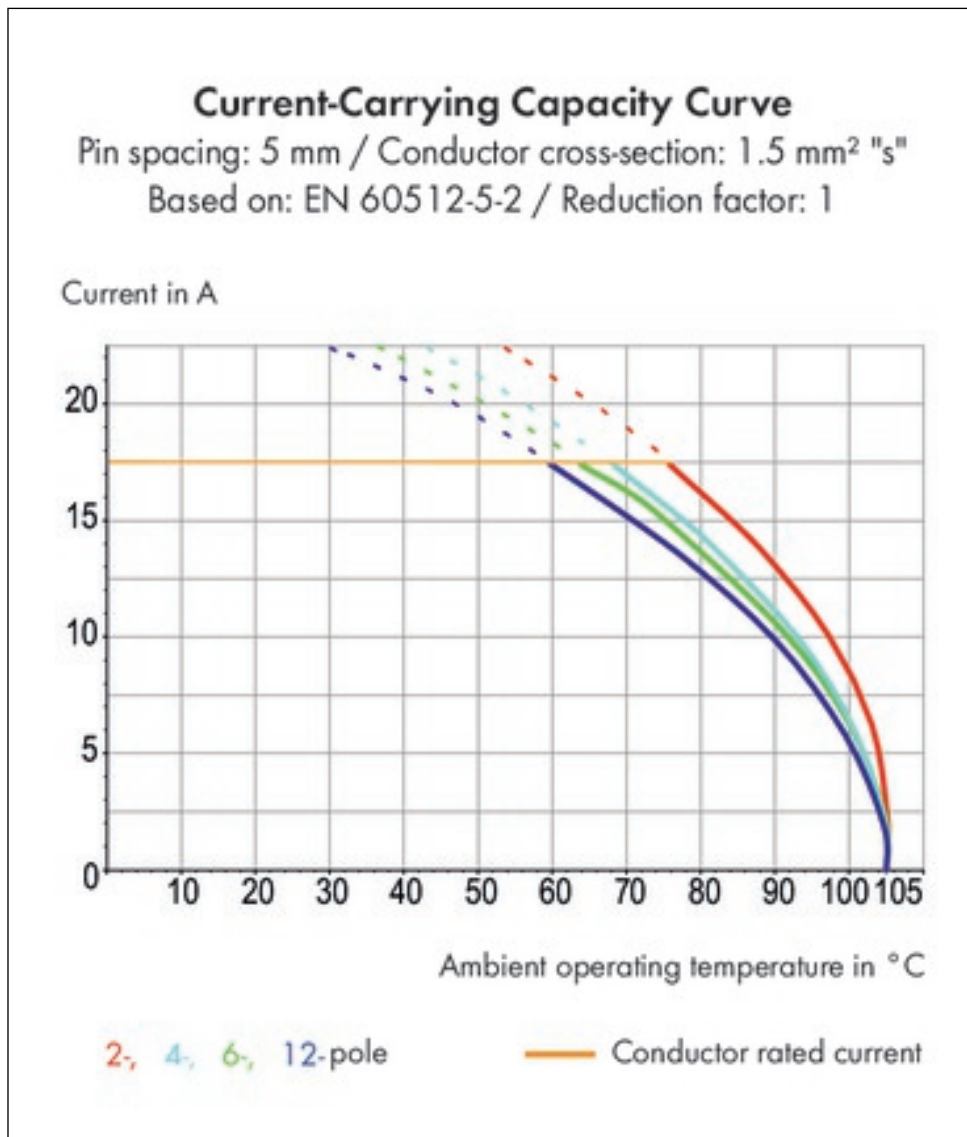
Other versions (or variants) can be requested	Other pole numbers

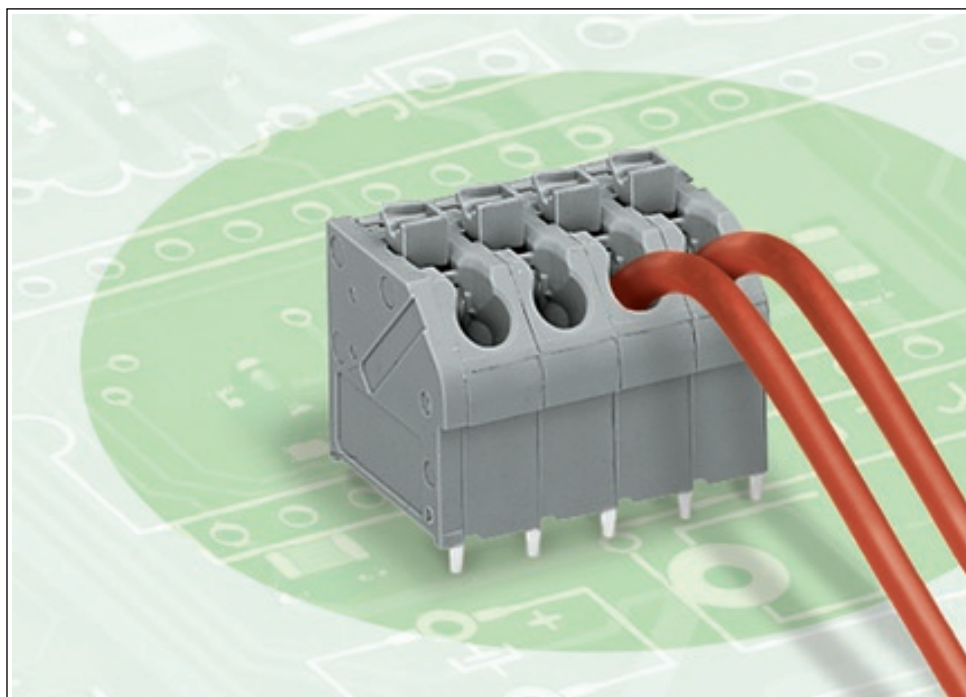
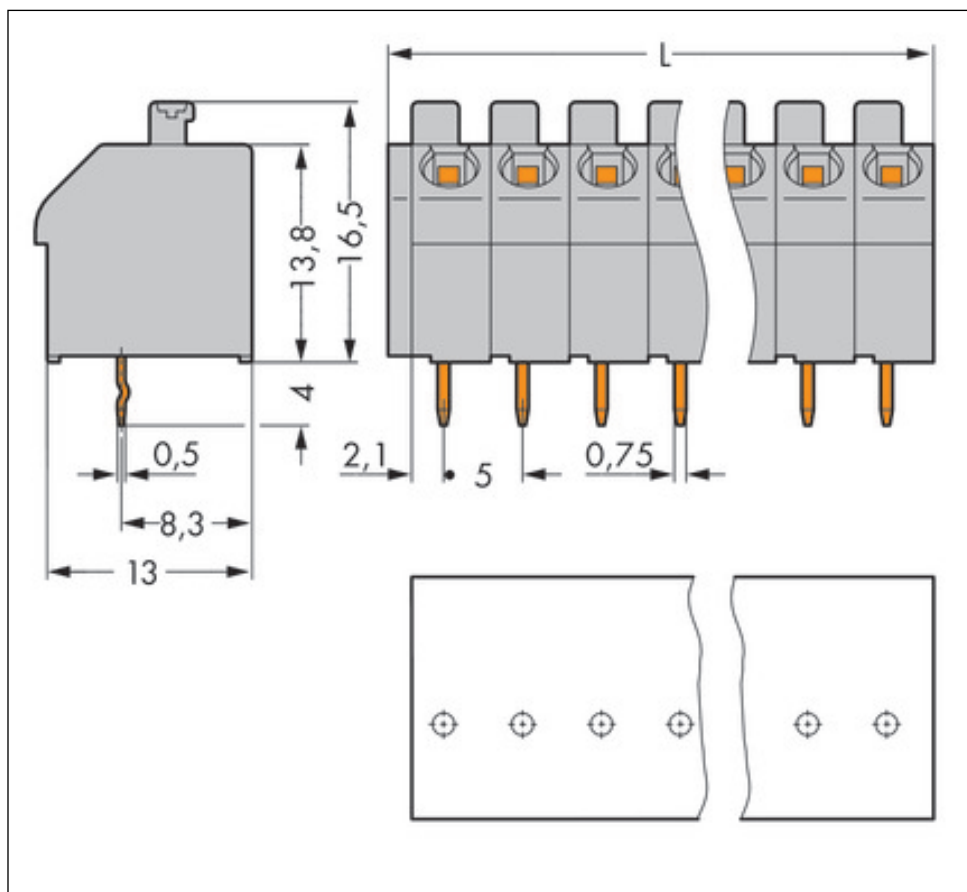
Technical data	
<i>Ratings per</i>	<i>IEC/EN 60664-1</i>
<i>Rated voltage (III / 3) [V]</i>	<i>320 [V]</i>
<i>Rated impulse voltage (III / 3) [kV]</i>	<i>4 [kV]</i>
<i>Rated voltage (III/2) [V]</i>	<i>320 [V]</i>
<i>Rated impulse voltage (III / 2) [kV]</i>	<i>4 [kV]</i>
<i>Rated voltage (II / 2) [V]</i>	<i>630 [V]</i>
<i>Rated impulse voltage (II / 2) [kV]</i>	<i>4 [kV]</i>
<i>Rated current [A]</i>	<i>17.5 [A]</i>
<i>Legend (ratings)</i>	<i>(III / 2) Overvoltage category III / Pollution degree 2</i>
<i>Approvals per</i>	<i>UL 1059</i>
<i>Rated voltage UL (Use Group B) [V]</i>	<i>300 [V]</i>
<i>Rated current UL (Use Group B) [A]</i>	<i>2 [A]</i>
<i>Rated voltage UL (Use Group D) [V]</i>	<i>300 [V]</i>
<i>Rated current UL (Use Group D) [A]</i>	<i>2 [A]</i>
<i>Rated voltage CSA (Use Group B) [V]</i>	<i>300 [V]</i>
<i>Rated current CSA (Use Group B) [A]</i>	<i>10 [A]</i>
<i>Rated voltage CSA (Use Group D) [V]</i>	<i>300 [V]</i>
<i>Rated current CSA (Use Group D) [A]</i>	<i>10 [A]</i>
<i>No. of poles</i>	<i>7</i>
<i>Total number of connection points</i>	<i>7</i>
<i>Total number of potentials</i>	<i>7</i>
<i>Number of connection types</i>	<i>1</i>
<i>Number of levels</i>	<i>1</i>
<i>Connection technology</i>	<i>Push-in CAGE CLAMP®</i>
<i>Actuation type</i>	<i>Operating lever</i>
<i>Solid conductor</i>	<i>0.5 ... 1.5 mm² / 20 ... 14 AWG</i>
<i>Fine-stranded conductor</i>	<i>0.75 ... 1.5 mm² / 18 ... 16 AWG</i>
<i>Fine-stranded conductor with ferrule with plastic collar</i>	<i>0.5 ... 1 mm²</i>
<i>Fine-stranded conductor with ferrule without plastic collar</i>	<i>0.5 ... 1 mm²</i>
<i>Strip length</i>	<i>9 ... 10 mm / 0.35 ... 0.39 Inch</i>
<i>Conductor entry angle to the PCB [°]</i>	<i>45 [°]</i>
<i>Pin spacing</i>	<i>5 mm (0.197 in)</i>
<i>Width</i>	<i>36.5 mm / 1.437 Inch</i>
<i>Height</i>	<i>20.5 mm / 0.807 Inch</i>

Technical data	
Height from the surface	16.5 mm / 0.65 Inch
Depth	13 mm / 0.512 Inch
Solder pin length [mm]	4 [mm]
Solder pin dimensions	0.5 x 0.75 mm
Drilled hole diameter (tolerance) [mm]	1(+ 0.1) [mm]
PCB contact	THT
Solder pin arrangement	over the entire terminal strip, in line
Number of solder pins per potential	1
Color	gray
Material group	I
Insulating material	Polyamide 66 (PA 66)
Flammability class per UL94	V0
Clamping spring material	Chrome nickel spring steel (CrNi)
Contact material	Electrolytic copper (Ecu)
Contact plating	tin-plated
Fire load [MJ]	0.148 [MJ]
Weight [g]	6.802 [g]
Limit temperature range	-60 ... 105 °C
Pin spacing from [in]	0.197 [in]
Pin spacing from [mm]	5 [mm]
Main product function	PCB terminal block
Product type	PCB terminal blocks

Images & drawings







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Technische Änderungen und Irrtümer vorbehalten.