



PCB terminal block; Push-button; 1.5 mm²; Pin spacing 5 mm; 3-pole; Push-in CAGE CLAMP®

Item No.: 250-503



PCB terminal block; Push-button; 1.5 mm²; Pin spacing 5 mm; 3-pole; Push-in CAGE CLAMP®

Marking

RoHS ✓
Compliant

Business data

Supplier	WAGO
Item no.	250-503
GTIN / EAN	4044918634526
Content	1
Order amount	70
Customer item number	

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

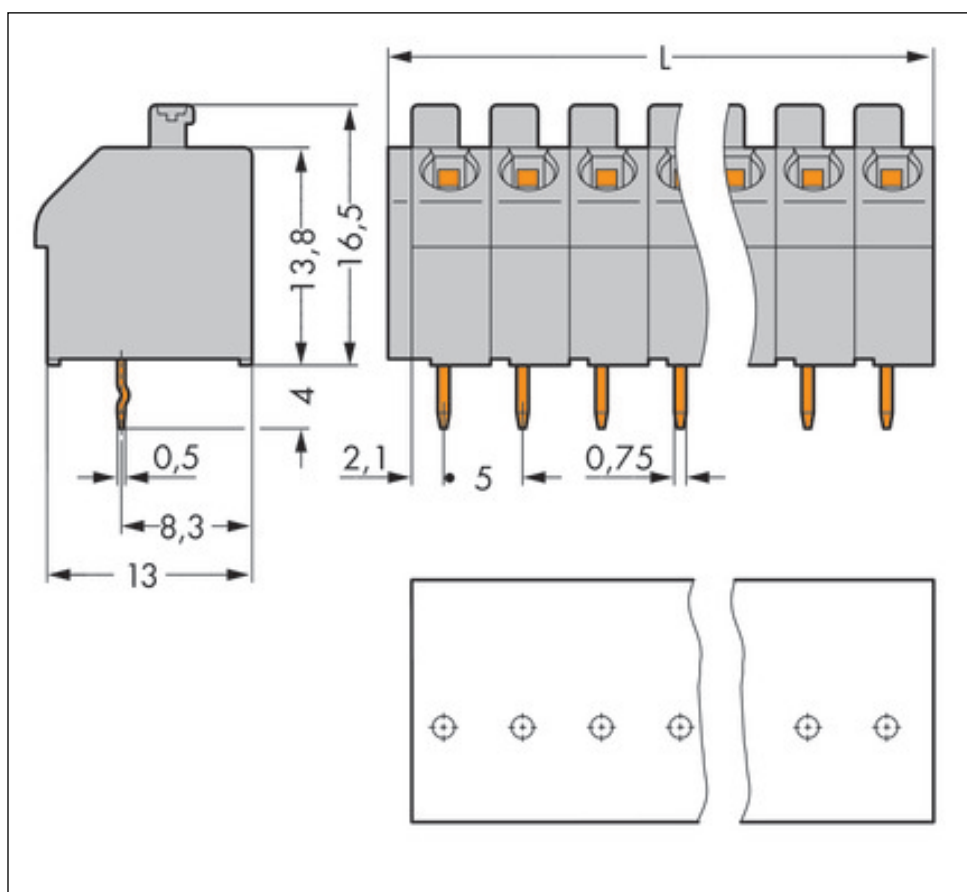
Miscellaneous

No. of poles	3
Pin spacing	5 mm (0.197 in)
Total number of connection points	3

Technical data	
Total number of potentials	3
Color	gray
Ratings per	IEC/EN 60664-1
Rated voltage (III / 3) [V]	320 [V]
Rated impulse voltage (III / 3) [kV]	4 [kV]
Rated voltage (III/2) [V]	320 [V]
Rated impulse voltage (III / 2) [kV]	4 [kV]
Rated voltage (II / 2) [V]	630 [V]
Rated impulse voltage (II / 2) [kV]	4 [kV]
Rated current [A]	17.5 [A]
Number of connection objects	1
Number of levels	1
Connection technology	Push-in CAGE CLAMP®
Number of connection points connector	1
Actuation type	Operating lever
Solid conductors, tool-operated termination	0.5 ... 1.5 mm ² / 20 ... 16 AWG
Fine-stranded conductors with insulated ferrule	0.5 ... 1 mm ² / ...
Fine-stranded conductors with uninsulated ferrule	0.5 ... 1 mm ² / ...
Strip length	9 ... 10 mm / 0.35 ... 0.39 inch
Conductor entry angle to the PCB [°]	45 [°]
Cross section up to (1) [mm ²]	1.5 [mm ²]
Cross section from (1) [AWG]	20 [AWG]
Cross section from (2) [mm ²]	0.75 [mm ²]
Cross section up to (2) [mm ²]	1.5 [mm ²]
Cross section from (2) [AWG]	20 [AWG]
Cross section up to (2) [AWG]	16 [AWG]
Solder pin arrangement	in line
Solder pin length [mm]	4 [mm]
Drilled hole diameter (tolerance) [mm]	1.2(+ 0.1) [mm]
Drilled hole diameter [mm] [mm]	1.2 [mm]
Tolerance of drilled hole diameter plus [mm] [mm]	+0.1 [mm]
Material group	I
Insulating material	Polyamide 66 (PA 66)
Flammability class per UL94	V0

Technical data	
<i>Limit temperature range</i>	<i>-60 ... 105 C</i>
<i>Clamping spring material</i>	<i>Chrome-nickel spring steel (CrNi)</i>
<i>Contact material</i>	<i>Electrolytic copper (Ecu)</i>
<i>Contact plating</i>	<i>tin-plated</i>
<i>Fire load [MJ]</i>	<i>0.068 [MJ]</i>
<i>Weight [g]</i>	<i>3.082 [g]</i>
<i>Width</i>	<i>16.5 mm / 0.65 in.</i>
<i>Height</i>	<i>20.5 mm / 0.807 in.</i>
<i>Height from the surface</i>	<i>16.5 mm / 0.65 in.</i>
<i>Depth</i>	<i>13 mm / 0.512 in.</i>

Images & drawings



Address

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Technische Änderungen und Irrtümer vorbehalten.