



PCB terminal block; Push-button; 0.5 mm²; Pin spacing 2.54 mm; 3-pole; CAGE CLAMP®

Item No.: 233-503



PCB terminal block; Push-button; 0.5 mm²; Pin spacing 2.54 mm; 3-pole; CAGE CLAMP®

Marking

RoHS ✓
Compliant

Business data

Supplier	WAGO
Item no.	233-503
GTIN / EAN	4045454050276
Content	1
Order amount	125
Customer item number	

Notes

Item description: Terminal strips with push-button actuated CAGE CLAMP® Double solder pins for high mechanical stability on PCB Ideal for in-the-field wiring thanks to simplified push-button actuation Convenient, tool-free operation

Technical data

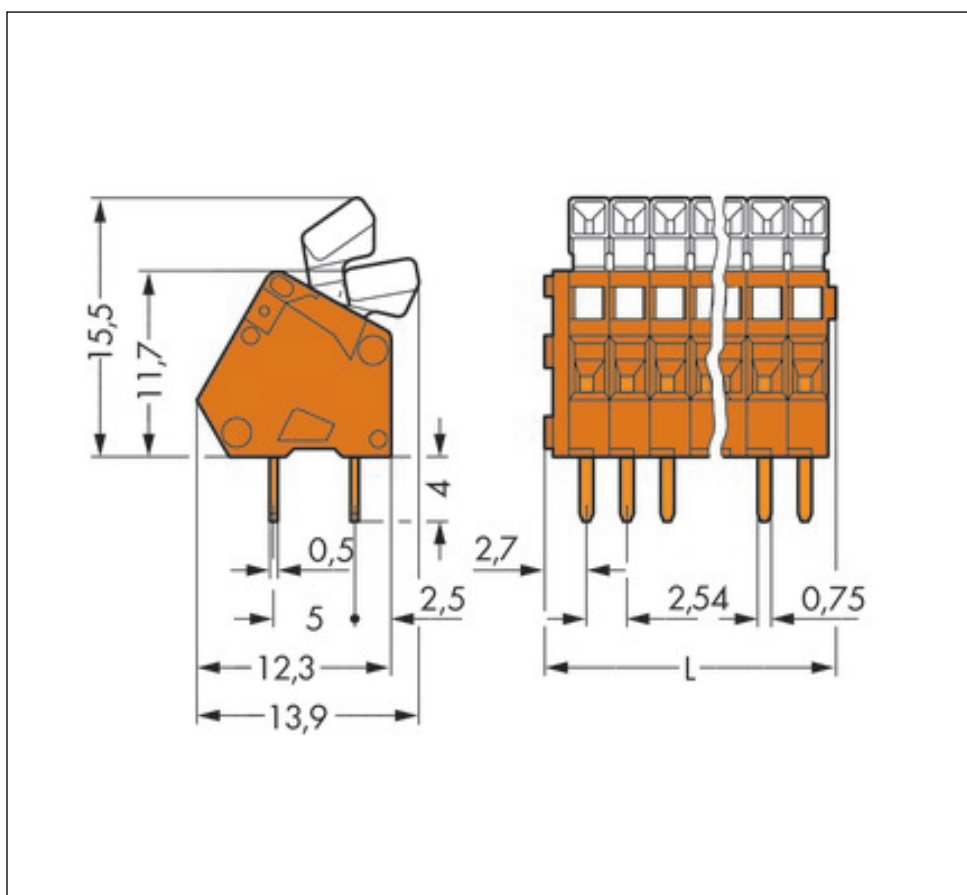
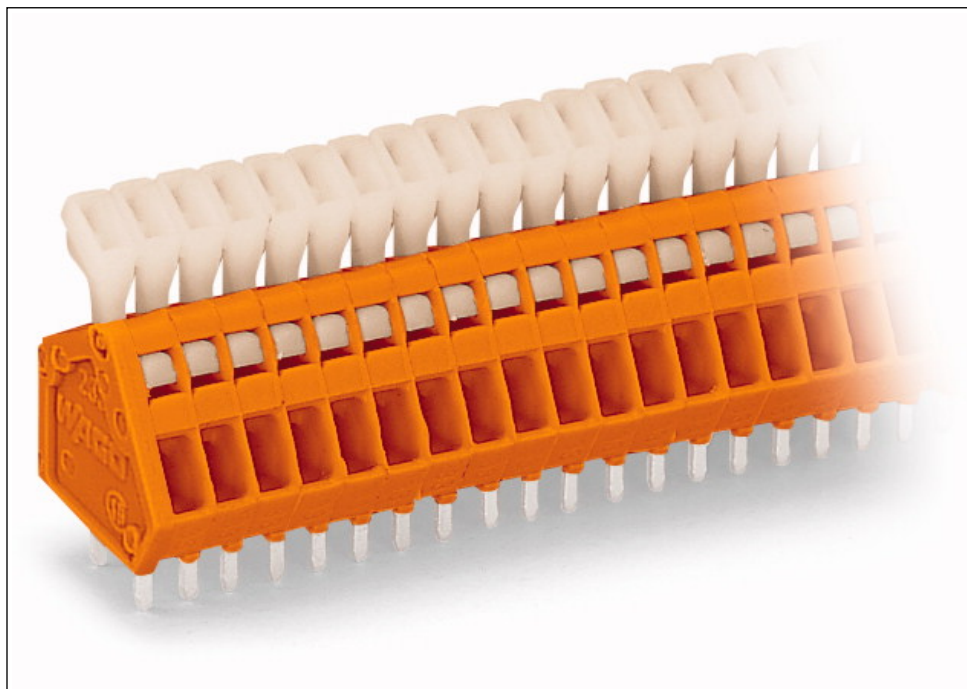
Miscellaneous

No. of poles	3
Pin spacing	2.54 mm (0.1 in)
Total number of connection points	3
Total number of potentials	3

Technical data	
<i>Color</i>	<i>orange</i>
<i>Ratings per</i>	<i>IEC/EN 60664-1</i>
<i>Rated voltage (III / 3) [V]</i>	<i>63 [V]</i>
<i>Rated impulse voltage (III / 3) [kV]</i>	<i>2.5 [kV]</i>
<i>Rated voltage (III/2) [V]</i>	<i>160 [V]</i>
<i>Rated impulse voltage (III / 2) [kV]</i>	<i>2.5 [kV]</i>
<i>Rated voltage (II / 2) [V]</i>	<i>320 [V]</i>
<i>Rated impulse voltage (II / 2) [kV]</i>	<i>2.5 [kV]</i>
<i>Rated current [A]</i>	<i>6 [A]</i>
<i>Number of connection objects</i>	<i>1</i>
<i>Number of levels</i>	<i>1</i>
<i>Connection technology</i>	<i>CAGE CLAMP®</i>
<i>Number of connection points connector</i>	<i>1</i>
<i>Actuation type</i>	<i>Operating lever</i>
<i>Solid conductors, tool-operated termination</i>	<i>0.08 ... 0.5 mm² / 28 ... 20 AWG</i>
<i>Fine-stranded conductors, tool-operated termination</i>	<i>0.08 ... 0.5 mm² / 28 ... 20 AWG</i>
<i>Fine-stranded conductors with insulated ferrule</i>	<i>0.25 mm² / AWG</i>
<i>Fine-stranded conductors with uninsulated ferrule</i>	<i>0.25 mm² / AWG</i>
<i>Strip length</i>	<i>5 ... 6 mm / 0.2 ... 0.24 inch</i>
<i>Conductor entry angle to the PCB [°]</i>	<i>30 [°]</i>
<i>Cross section up to (1) [mm²]</i>	<i>0.5 [mm²]</i>
<i>Cross section from (1) [AWG]</i>	<i>28 [AWG]</i>
<i>Cross section from (2) [mm²]</i>	<i>0.08 [mm²]</i>
<i>Cross section up to (2) [mm²]</i>	<i>0.5 [mm²]</i>
<i>Solder pin arrangement</i>	<i>in line</i>
<i>Solder pin length [mm]</i>	<i>4 [mm]</i>
<i>Drilled hole diameter (tolerance) [mm]</i>	<i>1.1(+ 0.1) [mm]</i>
<i>Drilled hole diameter [mm] [mm]</i>	<i>1.1 [mm]</i>
<i>Tolerance of drilled hole diameter plus [mm] [mm]</i>	<i>+0.1 [mm]</i>
<i>Material group</i>	<i>I</i>
<i>Insulating material</i>	<i>Polyamide 66 (PA 66)</i>
<i>Flammability class per UL94</i>	<i>V0</i>
<i>Limit temperature range</i>	<i>-60 ... 105 C</i>
<i>Clamping spring material</i>	<i>Chrome-nickel spring steel (CrNi)</i>

Technical data	
<i>Contact material</i>	<i>Electrolytic copper (Ecu)</i>
<i>Contact plating</i>	<i>tin-plated</i>
<i>Fire load [MJ]</i>	<i>0.025 [MJ]</i>
<i>Weight [g]</i>	<i>1.313 [g]</i>
<i>Width</i>	<i>9.92 mm / 0.391 in.</i>
<i>Height</i>	<i>19.5 mm / 0.768 in.</i>
<i>Height from the surface</i>	<i>15.5 mm / 0.61 in.</i>
<i>Depth</i>	<i>13.9 mm / 0.547 in.</i>

Images & drawings



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Technische Änderungen und Irrtümer vorbehalten.