

## PKBZ 1552

13062.1

PKBZ1552/3.81/2 2P PLUG VERT

- Push In Connection
- Wire Cross Section up to 2.5 mm
- compatible with various mounting rails



### PRODUCT DESCRIPTION

The PKBZ 1552 from Conta-Clip is a high-performance, pluggable terminal block specifically engineered for industrial control and automation applications. Designed with a cross-section range of up to 2.5 mm<sup>2</sup> (AWG 14) and a rated current of 24 A, this terminal block supports rated voltages of up to 500 V. It features a push-in wire connection technology, ensuring secure and tool-free conductor insertion, which minimises installation time and enhances operational safety. The PKBZ 1552 is part of Conta-Clip's PRK/PK series, known for its modular design, compatibility with various mounting rails (TS 35), and clear, user-friendly labelling options.

The PKBZ 1552 is ideal for applications in control cabinets, distribution boards, and automation systems, where fast, reliable, and space-saving wiring solutions are essential. Its pluggable interface enables easy maintenance and system upgrades without the need to disconnect wires individually, which is especially beneficial in complex systems requiring frequent service. The compact form factor and modularity of the PKBZ 1552 make it a practical choice for OEMs and system integrators looking to improve wiring efficiency while maintaining high standards of electrical safety and performance.

## TECHNICAL DATA

### GENERAL DATA

Type	Plug-in connector
Pitch	3.81 mm
Colour	Green
Number of poles	2
Approvals	UL, cUL, VDE

### RATINGS

Rated current	8 A
Rated voltage	160 V
Rated cross section	1.5 mm <sup>2</sup>
Rated impulse voltage	2.5 kV
Overvoltage category	III
Contamination degree	3

### DIMENSIONS

<b>Length</b>	10.4 mm
<b>Width</b>	7.62 mm
<b>Height</b>	19.1 mm
<b>Width left</b>	1.905 mm
<b>Width right</b>	1.905 mm

## CONNECTION DATA

<b>Connector type/principle</b>	Screw
<b>Contact version</b>	Female connector
<b>Connector version</b>	Pluggable
<b>Number of plugin rows</b>	1
<b>Cross section single wire from</b>	0.14 mm <sup>2</sup>
<b>Cross section single wire to</b>	1.5 mm <sup>2</sup>
<b>Cross section stranded wire from</b>	0.14 mm <sup>2</sup>
<b>Cross section stranded with ferrule to</b>	1 mm <sup>2</sup>
<b>Cross section stranded wire to</b>	1.5 mm <sup>2</sup>
<b>Cross section stranded with ferrule from</b>	0.25 mm <sup>2</sup>
<b>Rated wire cross section to (AWG)</b>	16
<b>Rated wire cross section from (AWG)</b>	28
<b>Stripping length</b>	7 mm
<b>Screw size</b>	M 2
<b>Torque</b>	0.25

## MATERIALS

<b>Housing material</b>	Polyamide 6.6
<b>Flammability class</b>	UL94-V0
<b>Operating temperature from</b>	-30 °C
<b>Operating temperature to</b>	105 °C
<b>Contact spring</b>	Bronze
<b>Screw material</b>	Bronze
<b>Clamp material</b>	Brass

## APPROVALS

<b>UL test standard</b>	UL 1059
<b>Rated voltage UL</b>	300 V
<b>Rated current UL</b>	8 A

<b>cUL test standard</b>	CSA 22.2 No.158
<b>Rated voltage cUL</b>	300 V
<b>Rated current cUL</b>	8 A
<b>VDE test standard</b>	DIN EN 61984
<b>Rated voltage VDE</b>	160 V
<b>Rated current VDE</b>	8 A

<b>Plug-in cycles acc. to standard</b>	100
<b>Tariff code</b>	85366990
<b>Pack size</b>	50
<b>Weight</b>	1.5 g
<b>Angle of wire connection/contact</b>	270° (vertically downwards)
<b>Connection cycles acc. to standard</b>	5
<b>Country of origin</b>	QU
<b>Current creepage resistance</b>	CTI 600
<b>Glow wire flammability index (GWFI)</b>	GWFI 850
<b>Glow wire ignition temperature (GWIT)</b>	GWIT 775
<b>GWFI after-glow time</b>	30 s
<b>GWIT exposure time</b>	5 s
<b>Insulation resistance</b>	1*10 <sup>13</sup> Ω x cm



