

## PZB 3950

11412.1  
PZB 3950/2/5,00 GN



### PRODUCT DESCRIPTION

### TECHNICAL DATA

#### GENERAL DATA

Type	Plug-in connector
Pitch	5 mm
Colour	Green
Number of poles	2
Approvals	UL, cUL, VDE

#### RATINGS

Rated current	12 A
Rated voltage	250 V
Rated cross section	2,5 mm <sup>2</sup>
Rated impulse voltage	4 kV
Overvoltage category	III
Contamination degree	3

#### DIMENSIONS

Length	14,5 mm
Width	11,6 mm
Height	26,3 mm
Width left	4,1 mm

Width right	2,5 mm
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## CONNECTION DATA

Connector type/principle	Spring clamp
Contact version	Female connector
Connector version	Pluggable
Number of plugin rows	1
Cross section single wire from	0,08 mm <sup>2</sup>
Cross section single wire to	2,5 mm <sup>2</sup>
Cross section stranded wire from	0,08 mm <sup>2</sup>
Cross section stranded with ferrule to	1,5 mm <sup>2</sup>
Cross section stranded wire to	2,5 mm <sup>2</sup>
Cross section stranded with ferrule from	0,14 mm <sup>2</sup>
Rated wire cross section to (AWG)	12
Rated wire cross section from (AWG)	28
Stripping length	8,5 mm

## MATERIALS

Housing material	Polyamide 6.6
Flammability class	UL94-V0
Operating temperature from	-30 °C
Operating temperature to	105 °C
Contact spring	Copper alloy
Main spring	Stainless steel

## APPROVALS

UL test standard	UL 1059
Rated voltage UL	300 V
Rated current UL	15 A
cUL test standard	CSA 22.2 No.158
Rated voltage cUL	300 V
Rated current cUL	15 A
VDE test standard	DIN EN 61984
Rated voltage VDE	4 V
Rated current VDE	12 A

## ADDITIONAL DATA

<b>Glow wire ignition temperature (GWIT)</b>	GWIT 775
<b>Insulation resistance</b>	$1 \cdot 10^{13} \Omega \times \text{cm}$
<b>Pack size</b>	50
<b>Angle of wire connection/contact</b>	0°/180° (horizontal)
<b>Country of origin</b>	QU
<b>Tariff code</b>	85366990
<b>Glow wire flammability index (GWFI)</b>	GWFI 850
<b>Weight</b>	3,8 g
<b>GWFI after-glow time</b>	30 s
<b>Plug-in cycles acc. to standard</b>	100
<b>GWIT exposure time</b>	5 s
<b>Current creepage resistance</b>	CTI 600
<b>Connection cycles acc. to standard</b>	10

