



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 ²
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
-------------	--------

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 ²
Cross section single wire to	2,5 mm ²
Cross section stranded wire from	0,08 mm ²
Cross section stranded with ferrule to	1,5 mm ²
Cross section stranded wire to	2,5 mm ²
Cross section stranded with ferrule from	0,14 mm ²
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

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

