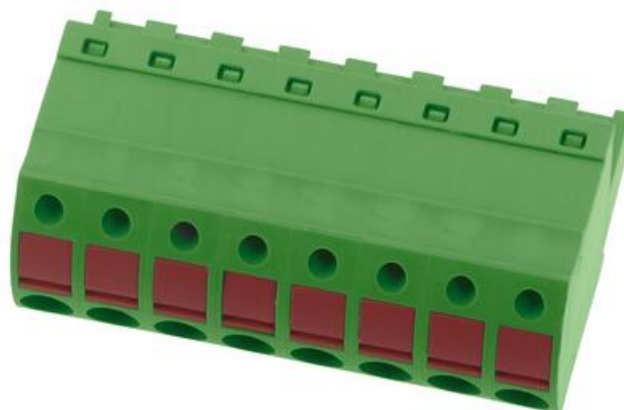


## PFB 4951

30382.1

PFB 4951/2/5,00-KD 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	15 mm
Width	10 mm
Height	25.6 mm
Width left	2.5 mm
Width right	2.5 mm

## CONNECTION DATA

Connector type/principle	Push-in
Contact version	Female connector
Connector version	Pluggable
Number of plugin rows	1
Cross section single wire from	0.2 mm <sup>2</sup>
Cross section single wire to	2.5 mm <sup>2</sup>
Cross section stranded wire from	0.2 mm <sup>2</sup>
Cross section stranded with ferrule to	2.5 mm <sup>2</sup>
Cross section stranded wire to	2.5 mm <sup>2</sup>
Cross section stranded with ferrule from	0.25 mm <sup>2</sup>
Rated wire cross section to (AWG)	12
Rated wire cross section from (AWG)	26
Stripping length	12 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
Terminal spring	Stainless steel

## APPROVALS

UL test standard	UL 1059
Rated voltage UL	300 V
Rated current UL	10 A
cUL test standard	CSA 22.2 No.158
Rated voltage cUL	300 V
Rated current cUL	10 A
VDE test standard	DIN EN 61984
Rated voltage VDE	250 V
Rated current VDE	12 A
Plug-in cycles acc. to standard	100
Tariff code	85366990

Pack size	50
Weight	3.37 g
Angle of wire connection/contact	0°/180° (horizontal)
Connection cycles acc. to standard	5
Country of origin	QU
Current creepage resistance	CTI 600
Glow wire flammability index (GWFI)	GWFI 850
Glow wire ignition temperature (GWIT)	GWIT 775
GWFI after-glow time	30 s
GWIT exposure time	5 s
Insulation resistance	1*10 <sup>13</sup> Ω x cm

