

**PKB 1550, 1551, 1552**

11377.1

PKB 1550/3.5/2 2P PLUG TERMINAL



## PRODUCT DESCRIPTION

## TECHNICAL DATA

## GENERAL DATA

Type	Plug-in connector
Pitch	3,5 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

Length	11,1 mm
Width	7 mm
Height	15,5 mm
Width left	1,75 mm

Width right	1,75 mm
-------------	---------

## CONNECTION DATA

Connector type/principle	Screw
Contact version	Female connector
Connector version	Pluggable
Number of plugin rows	1
Cross section single wire from	0,14 mm <sup>2</sup>
Cross section single wire to	1,5 mm <sup>2</sup>
Cross section stranded wire from	0,14 mm <sup>2</sup>
Cross section stranded with ferrule to	1 mm <sup>2</sup>
Cross section stranded wire to	1,5 mm <sup>2</sup>
Cross section stranded with ferrule from	0,25 mm <sup>2</sup>
Rated wire cross section to (AWG)	16
Rated wire cross section from (AWG)	28
Stripping length	7 mm
Screw size	M 2
Torque	0,25 Nm

## MATERIALS

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

## APPROVALS

UL test standard	UL 1059
Rated voltage UL	300 V
Rated current UL	8 A
cUL test standard	CSA 22.2 No.158
Rated voltage cUL	300 V
Rated current cUL	8 A
VDE test standard	DIN EN 61984

Rated voltage VDE	160 V
Rated current VDE	8 A

## ADDITIONAL DATA

Glow wire ignition temperature (GWIT)	GWIT 775
Insulation resistance	$1 \cdot 10^{13} \Omega \times \text{cm}$
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	1,5 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	5

