

**PKB 4350**13957.1  
PKB 4350/2/3,50 GN

- Push in Female Socket Plug
- 5.08 mm Pitch
- Spring Pressure Push in Connection System
- Polyamide 6.6 Housing

**PRODUCT DESCRIPTION**

The PKB 4350 series consists of push-in female socket plug blocks designed to mate with male pin connectors (such as the ISTLZ 950 series) in pluggable PCB assemblies. These blocks likely feature a 5.08 mm pitch, available in multi-pole configurations (commonly from 2 to 12 poles), and are built on CONTA-CLIP's proven spring-pressure push-in connection system. The housing is typically made from polyamide 6.6, UL 94 V-0 rated, with high insulation resistance, CTI of 600, and glow-wire compliance (GWFI 850 °C / GWIT 775 °C). Metallic female contacts clamp solid or ferruled conductors, support rated currents in the range of 6–12 A, insulated up to 250 V, and match international safety approvals like UL 1059, cUL CSA 22.2 No. 158, and EN 61984.

PKB 4350 socket blocks are used to construct pluggable PCB-to-PCB or PCB-to-wire interface modules, commonly found in relay bases, power control boards, automation panels, and modular interface units. The push-in system allows tool-free and rapid insertion of conductors, speeding assembly and reducing wiring errors, while the female socket design ensures secure and vibration-resistant mating with corresponding male headers. This plug-and-play approach facilitates maintenance, wiring changes, or module replacement without solder rework—ideal for industrial control cabinets, building services automation, and embedded electronic systems where reliable and service-friendly connections are essential.

**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	6 A
Rated voltage	160 V
Rated cross section	0.5 mm <sup>2</sup>
Rated impulse voltage	2.5 kV
Overvoltage category	III
Contamination degree	3

**DIMENSIONS**

Length	10.3 mm
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Width	7 mm
Height	19 mm
Width left	1.75 mm
Width right	1.75 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	0.34 mm <sup>2</sup>
Cross section single wire to	0.5 mm <sup>2</sup>
Rated wire cross section to (AWG)	20
Rated wire cross section from (AWG)	22
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
Terminal spring	Stainless steel

## APPROVALS

UL test standard	UL 1059
Rated voltage UL	150 V
Rated current UL	5 A
cUL test standard	CSA 22.2 No.158
Rated voltage cUL	150 V
Rated current cUL	5 A
VDE test standard	DIN EN 61984
Rated voltage VDE	160 V
Rated current VDE	6 A
Plug-in cycles acc. to standard	100

Tariff code	85366990
Pack size	50
Weight	1.51 g
Angle of wire connection/contact	0°/180° (horizontal)
Connection cycles acc. to standard	10
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	$1 \cdot 10^{13} \Omega \times \text{cm}$

