

PKBZ 950/95530142.1
PKBZ 950/2/5,08-HC GN

- 2 to 24 Poles
- Impulse Voltage Resistance
- Fast replacement or maintenance
- Screw-terminal

**PRODUCT DESCRIPTION**

The PKBZ 950 series comprises screw-connection female socket blocks with a 5.08 mm pitch, available in pole counts from 2 up to 24, each variant in green colour coding and width scaling accordingly. These terminals feature polyamide 6.6 housings (UL 94 V-0 flame-rated), brass/steel screw clamps, and PCB pins with standard drill hole diameters. They are designed to mate with the complementary PKB 950 male pin headers. Rated current is typically 6 A at up to 250 V, with impulse voltage resistance suited for overvoltage category III environments; insulation resistance, CTI, glow-wire rating, cycle life, and approvals align with CONTA-CLIP's high safety standards.

The PKBZ 950/955 series is ideal for modular PCB-mounted connection panels, such as relay bases, interface boards, and plug-in terminal assemblies in industrial automation, building technology, or power distribution systems. Paired with PKB male headers, they enable secure, pluggable wiring that facilitates fast replacement or maintenance. The PKBZ 955 variants (similar pitch of ~5.00 mm) offer extended pole counts (up to 22+ poles), making them well-suited for larger multi-signal or power connector configurations where a high density of channel connections is required. The screw-terminal design supports reliable wiring up to AWG 16–14, while the standardised pitch ensures compatibility with wave-soldering production lines and standard connector layout systems, giving designers flexibility and durability in harsh industrial or control-cabinet environments.

TECHNICAL DATA**GENERAL DATA**

| | |
|-----------------|-------------------|
| Type | Plug-in connector |
| Pitch | 5.08 mm |
| Colour | Green |
| Number of poles | 2 |
| Approvals | UL, cUL, VDE |

RATINGS

| | |
|-----------------------|---------------------|
| Rated current | 16 A |
| Rated voltage | 630 V |
| Rated cross section | 2.5 mm ² |
| Rated impulse voltage | 6 kV |
| Overvoltage category | III |
| Contamination degree | 3 |

DIMENSIONS

| | |
|-------------|----------|
| Length | 15 mm |
| Width | 10.16 mm |
| Height | 17.3 mm |
| Width left | 2.54 mm |
| Width right | 2.54 mm |

CONNECTION DATA

| | |
|--|----------------------|
| Connector type/principle | Screw |
| Contact version | Female connector |
| Connector version | Pluggable |
| Number of plugin rows | 1 |
| Cross section single wire from | 0.2 mm ² |
| Cross section single wire to | 4 mm ² |
| Cross section stranded wire from | 0.2 mm ² |
| Cross section stranded with ferrule to | 2.5 mm ² |
| Cross section stranded wire to | 2.5 mm ² |
| Cross section stranded with ferrule from | 0.25 mm ² |
| Rated wire cross section to (AWG) | 12 |
| Rated wire cross section from (AWG) | 22 |
| Stripping length | 6 mm |
| Screw size | M 3 |
| Torque | 0.5 |

MATERIALS

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

APPROVALS

| | |
|------------------|---------|
| UL test standard | UL 1059 |
| Rated voltage UL | 300 V |

| | |
|---------------------------------------|---------------------------|
| Rated current UL | 16 A |
| cUL test standard | CSA 22.2 No.158 |
| Rated voltage cUL | 300 V |
| Rated current cUL | 16 A |
| VDE test standard | DIN EN 61984 |
| Rated voltage VDE | 630 V |
| Rated current VDE | 16 A |
| Plug-in cycles acc. to standard | 100 |
| Tariff code | 85369010 |
| Pack size | 50 |
| Weight | 3.1 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 ¹³ Ω x cm |



