

AKZ950/..F-5.08-GREEN-HC



A Phoenix Mecano Brand

Technical Data

| Wire sizes | | Insulating Material | |
|---------------------------|----------------------|--|-----------------|
| Solid min | 0.2 mm ² | Material | PA 6.6 |
| Solid max | 4.0 mm ² | Flammability Class | UL 94 V-0 |
| Stranded (flexible) min | 0.2mm ² | Temperatures | |
| Stranded (flexible) max | 2.5 mm ² | Operating Temperature (without mech. load) | -40 °C - 105 °C |
| Stranded with Ferrule min | 0.25 mm ² | Store Temperature | -40 °C - 105 °C |
| Stranded with Ferrule max | 2.5 mm ² | Wave Soldering Process | |
| Dimensions | | Soldering Temperature, recommended | - |
| Stripped Length | 6.0 mm | Peak Soldering Time, recommended | - |
| Materials | | Reflow Process | |
| Clamp | Brass | Soldering Temperature, recommended | - |
| Screw | Steel | Peak Soldering Time, recommended | - |
| Screw, Flange | Steel | | |
| Contact Spring | Copper Alloy | | |

Colours

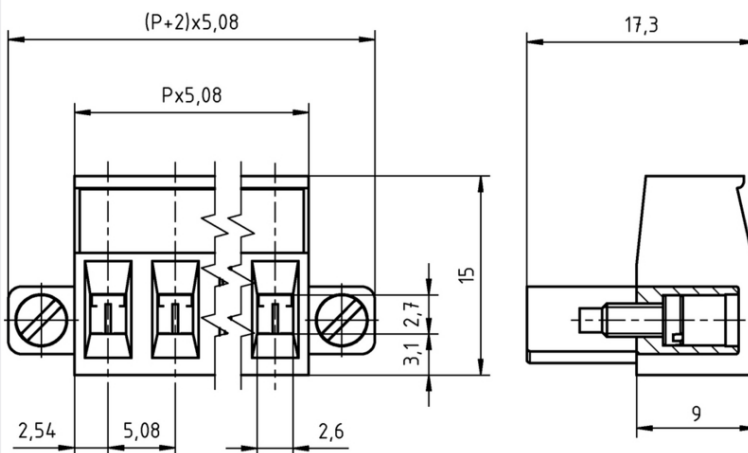
| | |
|--|-------------------------------|
| | GREEN, RAL 6018 |
| | LIGHT GREEN, similar RAL 6018 |

Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.

Counterparts (Spacing 5.08 mm)

| Pin Strip | STLZ950 | STLZ950-HC-HT |
|-----------|---------|---------------|
| | | |

In combination of connectors with different admission data, the lower value is valid.



Order Data (Spacing 5.08 mm)

| Poles | Width (mm) | Article Designation | Article Number | PU |
|-------|------------|--------------------------|----------------|-----|
| 2 | 20.32 | AKZ950/2F-5.08-GREEN-HC | 50950022029 F | 200 |
| 3 | 25.40 | AKZ950/3F-5.08-GREEN-HC | 50950032029 F | 200 |
| 4 | 30.48 | AKZ950/4F-5.08-GREEN-HC | 50950042029 F | 200 |
| 5 | 35.56 | AKZ950/5F-5.08-GREEN-HC | 50950052029 E | 100 |
| 6 | 40.64 | AKZ950/6F-5.08-GREEN-HC | 50950062029 E | 100 |
| 7 | 45.72 | AKZ950/7F-5.08-GREEN-HC | 50950072029 E | 100 |
| 8 | 50.80 | AKZ950/8F-5.08-GREEN-HC | 50950082029 D | 50 |
| 9 | 55.88 | AKZ950/9F-5.08-GREEN-HC | 50950092029 D | 50 |
| 10 | 60.96 | AKZ950/10F-5.08-GREEN-HC | 50950102029 D | 50 |
| 11 | 66.04 | AKZ950/11F-5.08-GREEN-HC | 50950112029 D | 50 |
| 12 | 71.12 | AKZ950/12F-5.08-GREEN-HC | 50950122029 D | 50 |

Accessoires

| Figure | Designation | Article Number |
|--------|--|-------------------------|
| | Series AK(Z)950 with pull relief | Order Data: on request |
| | Bridge, 2-pole, insulated, BRI/2-5.0/5.08-LIGHT GREY | Order Data: 50000000006 |
| | Bridge, 3-pole, insulated, BRI/3-5.0/5.08-LIGHT GREY | Order Data: 50000000007 |
| | Coding Star CS1-5.0/5.08-RED | Order Data: 50000000021 |
| | Bridge, 2-pole, BR/2-5.0/5.08-L7.0 | Order Data: 50000000008 |
| | Series AK(Z)950 with Separating Element | Order Data: on request |

Ratings

| UseGroup | cRU [®] US | | | VDE | |
|----------------------|---------------------|-----------|-----------|---------------------------|----------------------------|
| | B | C | D | | |
| Rated Voltage | 300 V | 150 V | 300 V | 250 V | |
| Rated Current | 16 A | 16 A | 10 A | 16 A | |
| Overvoltage Category | | | | III | |
| Rated Wire Size | | | | min | max |
| - solid | AWG 22-12 | AWG 22-12 | AWG 22-12 | 0.5 mm ² (5 A) | 2.5 mm ² (16 A) |
| - stranded | AWG 22-12 | AWG 22-12 | AWG 22-12 | 0.5 mm ² (5 A) | 2.5 mm ² (16 A) |
| Torque | 0.50 Nm | 0.50 Nm | 0.50 Nm | 0.50 Nm | |
| Screw Size | M3 | M3 | M3 | M3 | |
| Test Voltage | 1.60 kV | 1.30 kV | 1.60 kV | 4.0 kV | |
| Pollution Degree | | | | 3 | |