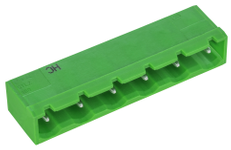
NEW

# Technical Data // STLZ960/..G-7.62-H-GREEN-HC

Spacing 7.62 mm

PTR HARTMANN
A Phoenix Mecano Company



| | |
|---|---|
| **Highlights** | |
| 2 to 16 poles | |
| Horizontal pin strip | |
| Spacing 7.62 mm | |
| Closed ends | |
| High current pin strip up to 16 A | |
| Max. 400 V | |
| **Wire Sizes** | |
| Solid min | - |
| Solid max | - |
| Stranded (flexible) min | - |
| Stranded (flexible) max | - |
| Stranded with ferrule min | - |
| Stranded with ferrule max | - |
| **Dimensions** | |
| PCB hole diameter | 1.4 mm |
| **Materials** | |
| Contact pin | Copper Alloy |
| **Insulating Material** | |
| Material | PA 6.6 |
| Flammability class | UL 94 V-0 |
| **Temperatures** | |
| Operating temperature | -40 °C (without mech. load) - 105 °C |
| Store temperature | -40 °C - 105 °C |
| **Wave Soldering Process** | |
| Soldering temperature, recommended | 260 °C |
| Peak soldering time, recommended | 3-4 s |
| **Reflow Process** | |
| Soldering temperature, recommended | - |
| Peak soldering time, recommended | - |

Spacing 7.62 mm

## 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.

## Ratings

| | | c UL us | | VDE |
|---|---|---|---|---|
| UseGroup | B | C | D | |
| Rated voltage | 300 V | 150 V | 300 V | 400 V |
| Rated current | 16 A | 16 A | 10 A | 16 A |
| Overvoltage category | | | | III |
| Test voltage | 1.60 kV | 1.30 kV | 1.60 kV | 4.0 kV |
| Pollution degree | | | | 3 |

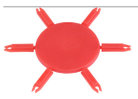
## Counterparts (Spacing 7.62 mm)

Terminal Block

AKZ960

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

## Accessoires

| Figure | Designation | Article Number |
|---|---|---|
|  | Coding Star CS2-5.0/5.08-RED | Art.-Nr. 50000000024 |
|  | Separating Element SE-STL950-GREEN | Art.-Nr. 50950000002 |

Spacing 7.62 mm

## Order Data (Spacing 7.62 mm)

| Number of Poles | Width (mm) | Article Designation | Article Number | PU |
|---|---|---|---|---|
| 2 | 15.24 | STLZ960/2G-7.62-H-GREEN-HC | 50960025029 E | 100 |
| 3 | 22.86 | STLZ960/3G-7.62-H-GREEN-HC | 50960035029 E | 100 |
| 4 | 30.48 | STLZ960/4G-7.62-H-GREEN-HC | 50960045029 E | 100 |
| 5 | 38.10 | STLZ960/5G-7.62-H-GREEN-HC | 50960055029 E | 100 |
| 6 | 45.72 | STLZ960/6G-7.62-H-GREEN-HC | 50960065029 D | 50 |
| 7 | 53.34 | STLZ960/7G-7.62-H-GREEN-HC | 50960075029 D | 50 |
| 8 | 60.96 | STLZ960/8G-7.62-H-GREEN-HC | 50960085029 D | 50 |
| 9 | 68.58 | STLZ960/9G-7.62-H-GREEN-HC | 50960095029 D | 50 |
| 10 | 76.20 | STLZ960/10G-7.62-H-GREEN-HC | 50960105029 D | 50 |
| 11 | 83.82 | STLZ960/11G-7.62-H-GREEN-HC | 50960115029 D | 50 |
| 12 | 91.44 | STLZ960/12G-7.62-H-GREEN-HC | 50960125029 D | 50 |
| 13 | 99.06 | STLZ960/13G-7.62-H-GREEN-HC | 50960135029 D | 50 |
| 14 | 106.68 | STLZ960/14G-7.62-H-GREEN-HC | 50960145029 D | 50 |
| 16 | 121.92 | STLZ960/16G-7.62-H-GREEN-HC | 50960165029 D | 50 |

## Technical drawing

