



#### General ordering data

|                  |  |
|------------------|--|
| Order No.        | 1932000000   |
| Part designation | SVZ 7.62HP/06SF SN SW  |
| Version          | PCB plug-in connector, Male connectors,<br>Clamping yoke connection, Clamping range, max.:<br>6 mm <sup>2</sup> , Pitch: 7.62 mm, No. of poles: 6, 180°, Box |
| EAN              | 4032248582112  |
| Qty.             | 50 pc(s).  |

#### System parameters

|   |                          |
|---|--------------------------|
| Conductor connection system               | Clamping yoke connection |
| Outgoing direction of conductor           | 180°                     |
| Pitch                                     | 7.62 mm                  |
| Pitch in inch                             | 0.3 inch                 |
| No. of poles                              | 6                        |
| No. of rows                               | 1                        |
| Screwdriver blade                         | 0.8 x 4.0                |
| Screwdriver blade standard                | DIN 5264-A               |
| Tightening torque, min.                   | 0.5 Nm                   |
| Tightening torque, max.                   | 0.6 Nm                   |
| Clamping screw                            | M 3                      |
| Stripping length                          | 12 mm                    |
| L1 in mm                                  | 38.1 mm                  |
| L1 in inch                                | 1.5 inch                 |
| Electric shock protection to DIN VDE 0470 | IP20 plugged             |
| Electric shock protection to DIN VDE 0470 | Safe from finger touch   |

#### Material data

|                           |                     |
|---------------------------|---------------------|
| Insulating material       | PA GF               |
| Colour                    | black               |
| colour chart              | Similar to RAL 9011 |
| Insulating material group | I                   |
| Flammability class UL 94  | V-0                 |
| CTI                       | >= 600              |
| Contact base material     | Copper alloy        |

**Material data**

|                 |        |
|-----------------|--------|
| Contact surface | tinned |
|-----------------|--------|

**Connectable conductors**

|   |                         |
|---|-------------------------|
| Clamping range, min.                              | 0.2 mm <sup>2</sup>     |
| Clamping range, max.                              | 6 mm <sup>2</sup>       |
| AWG, min.   | 22                      |
| AWG, max.   | 10                      |
| Solid, min. H05(07) V-U                           | 0.2 mm <sup>2</sup>     |
| Solid, max. H05(07) V-U                           | 6 mm <sup>2</sup>       |
| Flexible, min. H05(07) V-K                        | 0.5 mm <sup>2</sup>     |
| Flexible, max. H05(07) V-K                        | 6 mm <sup>2</sup>       |
| With wire end ferrule, acc. to DIN 46 228/1, min. | 0.25 mm <sup>2</sup>    |
| With wire end ferrule, acc. to DIN 46 228/1, max. | 6 mm <sup>2</sup>       |
| w. plastic collar ferrule, DIN 46228 pt 4, min.   | 0.25 mm <sup>2</sup>    |
| w. plastic collar ferrule, DIN 46228 pt 4, max.   | 6 mm <sup>2</sup>       |
| Gauge to EN 60999 a x b; Ø                        | 2.8 mm x 2.0 mm; 2.4 mm |

**DIN IEC rating data**

|  |         |
|--|---------|
| Rated current, min. No. pins (Tu=20°C)   | 41 A    |
| Rated current, max. No. pins (Tu=20°C)   | 41 A    |
| Rated current, min. No. pins(Tu=40°C)  | 41 A    |
| Rated current, max. No. pins (Tu=40°C)   | 41 A    |
| Rated voltage for overvoltage class/pollution severity II/2                    | 1,000 V |
| Rated voltage for overvoltage class/pollution severity III/2                   | 1,000 V |
| Rated voltage for overvoltage class/pollution severity III/3                   | 800 V   |
| Rated impulse withstand voltage for overvoltage class/pollution severity II/2  | 6 kV    |
| Rated impulse withstand voltage for overvoltage class/pollution severity III/2 | 8 kV    |
| Rated impulse withstand voltage for overvoltage class/pollution severity III/3 | 8 kV    |

**CSA rating data**

|                                    |       |
|------------------------------------|-------|
| Rated voltage (Use group C)        | 600 V |
| Rated current (Use group C)        | 35 A  |
| AWG conductor (field wiring), min. | 24    |
| AWG conductor (field wiring), max. | 10    |

**UL 1059 rating data**

|                             |       |
|-----------------------------|-------|
| Rated voltage (Use group C) | 600 V |
| Rated current (Use group C) | 35 A  |
| AWG conductor, min.         | 24    |
| AWG conductor, max.         | 10    |

## Approvals

Approvals institutes



## Classifications

eClass 5.1

27-26-07-04

## Similar products

| Order No.  | Part designation      | Version   |
|------------|-----------------------|---|
| 1931960000 | SVZ 7.62HP/02SF SN SW | PCB plug-in connector, Male connectors, Clamping yoke connection, Clamping range, max.: 6 mm <sup>2</sup> , Pitch: 7.62 mm, No. of poles: 2, 180°, Box  |
| 1931970000 | SVZ 7.62HP/03SF SN SW | PCB plug-in connector, Male connectors, Clamping yoke connection, Clamping range, max.: 6 mm <sup>2</sup> , Pitch: 7.62 mm, No. of poles: 3, 180°, Box  |
| 1931980000 | SVZ 7.62HP/04SF SN SW | PCB plug-in connector, Male connectors, Clamping yoke connection, Clamping range, max.: 6 mm <sup>2</sup> , Pitch: 7.62 mm, No. of poles: 4, 180°, Box  |
| 1931990000 | SVZ 7.62HP/05SF SN SW | PCB plug-in connector, Male connectors, Clamping yoke connection, Clamping range, max.: 6 mm <sup>2</sup> , Pitch: 7.62 mm, No. of poles: 5, 180°, Box  |
| 1932010000 | SVZ 7.62HP/07SF SN SW | PCB plug-in connector, Male connectors, Clamping yoke connection, Clamping range, max.: 6 mm <sup>2</sup> , Pitch: 7.62 mm, No. of poles: 7, 180°, Box  |
| 1932020000 | SVZ 7.62HP/08SF SN SW | PCB plug-in connector, Male connectors, Clamping yoke connection, Clamping range, max.: 6 mm <sup>2</sup> , Pitch: 7.62 mm, No. of poles: 8, 180°, Box  |
| 1932030000 | SVZ 7.62HP/09SF SN SW | PCB plug-in connector, Male connectors, Clamping yoke connection, Clamping range, max.: 6 mm <sup>2</sup> , Pitch: 7.62 mm, No. of poles: 9, 180°, Box  |
| 1932040000 | SVZ 7.62HP/10SF SN SW | PCB plug-in connector, Male connectors, Clamping yoke connection, Clamping range, max.: 6 mm <sup>2</sup> , Pitch: 7.62 mm, No. of poles: 10, 180°, Box |
| 1932050000 | SVZ 7.62HP/11SF SN SW | PCB plug-in connector, Male connectors, Clamping yoke connection, Clamping range, max.: 6 mm <sup>2</sup> , Pitch: 7.62 mm, No. of poles: 11, 180°, Box |

1932060000 SVZ 7.62HP/12SF SN SW

PCB plug-in connector, Male connectors, Clamping yoke connection, Clamping range, max.: 6 mm<sup>2</sup>, Pitch: 7.62 mm, No. of poles: 12, 180°, Box