



General ordering data

| | |
|------------------|--|
| Order No. | 1754460000 |
| Part designation | SLZF 7.62/3 SN OR |
| Version | PCB plug-in connector, Male connectors, Tension clamp connection, Clamping range, max.: 38840 mm ² , Pitch: 7.62 mm, No. of poles: 3, 180°, Box |
| EAN | 4032248149452 |
| Qty. | 100 pc(s). |

System parameters

| | |
|---|--|
| Conductor connection system | Tension clamp connection |
| Outgoing direction of conductor | 180° |
| Pitch | 7.62 mm |
| Pitch in inch | 0.3 inch |
| No. of poles | 3 |
| No. of rows | 1 |
| Screwdriver blade | 0.6 x 3.5 |
| Screwdriver blade standard | DIN 5264-A |
| Stripping length | 7 mm |
| L1 in mm | 15.24 mm |
| L1 in inch | 0.6 inch |
| Electric shock protection to DIN VDE 0470 | IP20 plugged/ IP10 unplugged |
| Electric shock protection to DIN VDE 0470 | Finger-safe plugged/ back-of-hand-safe unplugged |

System parameters

Material data

| | |
|---------------------------|---------------------|
| Insulating material | PBT |
| Colour | orange |
| colour chart | Similar to RAL 2000 |
| Insulating material group | I |
| Flammability class UL 94 | V-0 |
| CTI | >= 600 |
| Contact base material | E-Cu |
| Contact surface | tinned |

Connectable conductors

| | |
|---|------------------------|
| Clamping range, min. | 0.14 mm ² |
| Clamping range, max. | 38,840 mm ² |
| AWG, min. | 26 |
| AWG, max. | 14 |
| Solid, min. H05(07) V-U | 0.2 mm ² |
| Solid, max. H05(07) V-U | 2.5 mm ² |
| Flexible, min. H05(07) V-K | 0.2 mm ² |
| Flexible, max. H05(07) V-K | 2.5 mm ² |
| With wire end ferrule, acc. to DIN 46 228/1, min. | 0.5 mm ² |
| With wire end ferrule, acc. to DIN 46 228/1, max. | 1.5 mm ² |
| w. plastic collar ferrule, DIN 46228 pt 4, min. | 0.5 mm ² |
| w. plastic collar ferrule, DIN 46228 pt 4, max. | 1.5 mm ² |
| Gauge to EN 60999 a x b; ø | 2.4 mm x 1.5 mm; |

DIN IEC rating data

| | |
|--|-------------------|
| Rated current, min. No. pins (Tu=20°C) | 24 A |
| Rated current, max. No. pins (Tu=20°C) | 24 A |
| Rated current, min. No. pins (Tu=40°C) | 20 A |
| Rated current, max. No. pins (Tu=40°C) | 20 A |
| Rated voltage for overvoltage class/pollution severity II/2 | 800 V |
| Rated voltage for overvoltage class/pollution severity III/2 | 630 V |
| Rated voltage for overvoltage class/pollution severity III/3 | 500 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 | 6 kV |
| Rated impulse withstand voltage for overvoltage class/pollution severity III/3 | 6 kV |
| Short-time withstand current resistance | 3 x 1s with 120 A |

CSA rating data

| | |
|------------------------------------|-------|
| Rated voltage (Use group D) | 300 V |
| Rated current (Use group D) | 10 A |
| AWG conductor (field wiring), min. | 26 |
| AWG conductor (field wiring), max. | 14 |

UL 1059 rating data

| | |
|-----------------------------|-------|
| Rated voltage (Use group D) | 300 V |
| Rated current (Use group D) | 10 A |
| AWG conductor, min. | 26 |
| AWG conductor, max. | 14 |

Approvals

Approvals institutes



Classifications

| | |
|------------|-------------|
| ETIM 2.0 | NK |
| ETIM 3.0 | EC001284 |
| eClass 4.1 | 27-26-07-01 |
| eClass 5.0 | 27-26-07-01 |
| eClass 5.1 | 27-26-07-04 |

Similar products

| Order No. | Part designation | Version |
|------------|-------------------|--|
| 1754450000 | SLZF 7.62/2 SN OR | PCB plug-in connector, Male connectors, Tension clamp connection, Clamping range, max.: 38840 mm ² , Pitch: 7.62 mm, No. of poles: 2, 180°, Box |
| 1754470000 | SLZF 7.62/4 SN OR | PCB plug-in connector, Male connectors, Tension clamp connection, Clamping range, max.: 38840 mm ² , Pitch: 7.62 mm, No. of poles: 4, 180°, Box |
| 1754480000 | SLZF 7.62/5 SN OR | PCB plug-in connector, Male connectors, Tension clamp connection, Clamping range, max.: 38840 mm ² , Pitch: 7.62 mm, No. of poles: 5, 180°, Box |
| 1754490000 | SLZF 7.62/6 SN OR | PCB plug-in connector, Male connectors, Tension clamp connection, Clamping range, max.: 38840 mm ² , Pitch: 7.62 mm, No. of poles: 6, 180°, Box |
| 1754500000 | SLZF 7.62/7 SN OR | PCB plug-in connector, Male connectors, Tension clamp connection, Clamping range, max.: 38840 mm ² , Pitch: 7.62 mm, No. of poles: 7, 180°, Box |

| | | |
|------------|--------------------|---|
| 1754510000 | SLZF 7.62/8 SN OR | PCB plug-in connector, Male connectors, Tension clamp connection, Clamping range, max.: 38840 mm ² , Pitch: 7.62 mm, No. of poles: 8, 180°, Box |
| 1754520000 | SLZF 7.62/9 SN OR | PCB plug-in connector, Male connectors, Tension clamp connection, Clamping range, max.: 38840 mm ² , Pitch: 7.62 mm, No. of poles: 9, 180°, Box |
| 1754530000 | SLZF 7.62/10 SN OR | PCB plug-in connector, Male connectors, Tension clamp connection, Clamping range, max.: 38840 mm ² , Pitch: 7.62 mm, No. of poles: 10, 180°, Box |
| 1754540000 | SLZF 7.62/11 SN OR | PCB plug-in connector, Male connectors, Tension clamp connection, Clamping range, max.: 38840 mm ² , Pitch: 7.62 mm, No. of poles: 11, 180°, Box |
| 1754550000 | SLZF 7.62/12 SN OR | PCB plug-in connector, Male connectors, Tension clamp connection, Clamping range, max.: 38840 mm ² , Pitch: 7.62 mm, No. of poles: 12, 180°, Box |