



#### General ordering data

Order No.	1754490000
Part designation	SLZF 7.62/6 SN OR
Version	PCB plug-in connector, Male connectors, Tension clamp connection, Clamping range, max.: 38840 mm <sup>2</sup> , Pitch: 7.62 mm, No. of poles: 6, 180°, Box
EAN	4032248149490
Qty.	50 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	6
No. of rows	1
Screwdriver blade	0.6 x 3.5
Screwdriver blade standard	DIN 5264-A
Stripping length	7 mm
L1 in mm	38.1 mm
L1 in inch	1.5 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 <sup>2</sup>
Clamping range, max.	38,840 mm <sup>2</sup>
AWG, min.	26
AWG, max.	14
Solid, min. H05(07) V-U	0.2 mm <sup>2</sup>
Solid, max. H05(07) V-U	2.5 mm <sup>2</sup>
Flexible, min. H05(07) V-K	0.2 mm <sup>2</sup>
Flexible, max. H05(07) V-K	2.5 mm <sup>2</sup>
With wire end ferrule, acc. to DIN 46 228/1, min.	0.5 mm <sup>2</sup>
With wire end ferrule, acc. to DIN 46 228/1, max.	1.5 mm <sup>2</sup>
w. plastic collar ferrule, DIN 46228 pt 4, min.	0.5 mm <sup>2</sup>
w. plastic collar ferrule, DIN 46228 pt 4, max.	1.5 mm <sup>2</sup>
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 <sup>2</sup> , Pitch: 7.62 mm, No. of poles: 2, 180°, Box
1754460000	SLZF 7.62/3 SN OR	PCB plug-in connector, Male connectors, Tension clamp connection, Clamping range, max.: 38840 mm <sup>2</sup> , Pitch: 7.62 mm, No. of poles: 3, 180°, Box
1754470000	SLZF 7.62/4 SN OR	PCB plug-in connector, Male connectors, Tension clamp connection, Clamping range, max.: 38840 mm <sup>2</sup> , 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 <sup>2</sup> , Pitch: 7.62 mm, No. of poles: 5, 180°, Box
1754500000	SLZF 7.62/7 SN OR	PCB plug-in connector, Male connectors, Tension clamp connection, Clamping range, max.: 38840 mm <sup>2</sup> , 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 <sup>2</sup> , 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 <sup>2</sup> , 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 <sup>2</sup> , 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 <sup>2</sup> , 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 <sup>2</sup> , Pitch: 7.62 mm, No. of poles: 12, 180°, Box