



General ordering data

Order No.	1932220000
Part designation	SVZ 7.62HP/06SFI SN SW
Version	PCB plug-in connector, Male connectors, Clamping yoke connection, Clamping range, max.: 6 mm ² , Pitch: 7.62 mm, No. of poles: 6, 180°, Box
EAN	4032248582334
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
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Connectable conductors

Clamping range, min.	0.2 mm ²
Clamping range, max.	6 mm ²
AWG, min.	22
AWG, max.	10
Solid, min. H05(07) V-U	0.2 mm ²
Solid, max. H05(07) V-U	6 mm ²
Flexible, min. H05(07) V-K	0.5 mm ²
Flexible, max. H05(07) V-K	6 mm ²
With wire end ferrule, acc. to DIN 46 228/1, min.	0.25 mm ²
With wire end ferrule, acc. to DIN 46 228/1, max.	6 mm ²
w. plastic collar ferrule, DIN 46228 pt 4, min.	0.25 mm ²
w. plastic collar ferrule, DIN 46228 pt 4, max.	6 mm ²
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
1932180000	SVZ 7.62HP/02SFI SN SW	PCB plug-in connector, Male connectors, Clamping yoke connection, Clamping range, max.: 6 mm ² , Pitch: 7.62 mm, No. of poles: 2, 180°, Box
1932190000	SVZ 7.62HP/03SFI SN SW	PCB plug-in connector, Male connectors, Clamping yoke connection, Clamping range, max.: 6 mm ² , Pitch: 7.62 mm, No. of poles: 3, 180°, Box
1932200000	SVZ 7.62HP/04SFI SN SW	PCB plug-in connector, Male connectors, Clamping yoke connection, Clamping range, max.: 6 mm ² , Pitch: 7.62 mm, No. of poles: 4, 180°, Box
1932210000	SVZ 7.62HP/05SFI SN SW	PCB plug-in connector, Male connectors, Clamping yoke connection, Clamping range, max.: 6 mm ² , Pitch: 7.62 mm, No. of poles: 5, 180°, Box
1932230000	SVZ 7.62HP/07SFI SN SW	PCB plug-in connector, Male connectors, Clamping yoke connection, Clamping range, max.: 6 mm ² , Pitch: 7.62 mm, No. of poles: 7, 180°, Box
1932240000	SVZ 7.62HP/08SFI SN SW	PCB plug-in connector, Male connectors, Clamping yoke connection, Clamping range, max.: 6 mm ² , Pitch: 7.62 mm, No. of poles: 8, 180°, Box
1932250000	SVZ 7.62HP/09SFI SN SW	PCB plug-in connector, Male connectors, Clamping yoke connection, Clamping range, max.: 6 mm ² , Pitch: 7.62 mm, No. of poles: 9, 180°, Box
1932260000	SVZ 7.62HP/10SFI SN SW	PCB plug-in connector, Male connectors, Clamping yoke connection, Clamping range, max.: 6 mm ² , Pitch: 7.62 mm, No. of poles: 10, 180°, Box
1932270000	SVZ 7.62HP/11SFI SN SW	PCB plug-in connector, Male connectors, Clamping yoke connection, Clamping range, max.: 6 mm ² , Pitch: 7.62 mm, No. of poles: 11, 180°, Box

1932280000 SVZ 7.62HP/12SFI SN SW

PCB plug-in connector, Male connectors, Clamping yoke connection, Clamping range, max.: 6 mm², Pitch: 7.62 mm, No. of poles: 12, 180°, Box