



General ordering data

Order No.	1929950000
Part designation	BVZ 7.62HP/04 SN SW
Version	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 6 mm ² , Pitch: 7.62 mm, No. of poles: 4, 180°, Box
EAN	4032248579730
Qty.	100 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	4
No. of rows	1
Screwdriver blade	0.6 x 3.5
Screwdriver blade standard	DIN 5264
Tightening torque, min.	0.5 Nm
Tightening torque, max.	0.6 Nm
Clamping screw	M 2.5
Stripping length	12 mm
L1 in mm	22.86 mm
L1 in inch	0 inch
Electric shock protection to DIN VDE 0470	IP 20
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 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, min. 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
1929930000	BVZ 7.62HP/02 SN SW	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 6 mm ² , Pitch: 7.62 mm, No. of poles: 2, 180°, Box
1929940000	BVZ 7.62HP/03 SN SW	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 6 mm ² , Pitch: 7.62 mm, No. of poles: 3, 180°, Box
1929960000	BVZ 7.62HP/05 SN SW	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 6 mm ² , Pitch: 7.62 mm, No. of poles: 5, 180°, Box
1929970000	BVZ 7.62HP/06 SN SW	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 6 mm ² , Pitch: 7.62 mm, No. of poles: 6, 180°, Box
1929980000	BVZ 7.62HP/07 SN SW	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 6 mm ² , Pitch: 7.62 mm, No. of poles: 7, 180°, Box
1929990000	BVZ 7.62HP/08 SN SW	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 6 mm ² , Pitch: 7.62 mm, No. of poles: 8, 180°, Box
1930000000	BVZ 7.62HP/09 SN SW	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 6 mm ² , Pitch: 7.62 mm, No. of poles: 9, 180°, Box
1930020000	BVZ 7.62HP/10 SN SW	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 6 mm ² , Pitch: 7.62 mm, No. of poles: 10, 180°, Box
1930030000	BVZ 7.62HP/11 SN SW	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 6 mm ² , Pitch: 7.62 mm, No. of poles: 11, 180°, Box

1930040000 BVZ 7.62HP/12 SN SW

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