



General ordering data

Order No.	1928280000
Part designation	BVL 7.62HP/02/90G SW
Version	PCB plug-in connector, Female connectors, Soldered connection, Pitch: 7.62 mm, No. of poles: 2, 90°, Box
EAN	4032248577484
Qty.	100 pc(s).

System parameters

Fitted to PCB	Soldered connection
Outgoing elbow	90°
Pitch	7.62 mm
Pitch in inch	0.3 inch
No. of poles	2
Solder pin length	3.5 mm
Can be coded	Yes
No. of rows	1
No. of solder pins per pole	2
Dia. of fitting hole	1.3 mm
Fitting hole tolerance	+ 0.1 mm
L1 in mm	7.62 mm
L1 in inch	0.3 inch
Insulation resistance	1,000 MΩ
Electric shock protection to DIN VDE 0470	IP 20
Electric shock protection to DIN VDE 0470	Safe from finger touch, plugged

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	>= 475
Contact base material	Copper alloy

Material data

Contact surface	tinned
Constant operating temp., min.	-25 °C
Constant operating temp., max.	130 °C
Storage temperature, min.	-25 °C
Storage temperature, max.	55 °C
Max. relative humidity during storage	80 %

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 III/3	630 V
Rated impulse withstand voltage for overvoltage class/pollution severity III/3	6 kV
Rated voltage for overvoltage class/pollution severity III/2	630 V
Rated impulse withstand voltage for overvoltage class/pollution severity III/2	6 kV
Rated voltage for overvoltage class/pollution severity II/2	1,000 V
Rated impulse withstand voltage for overvoltage class/pollution severity II/2	6 kV
Short-time withstand current resistance	3 x 1s with 420 A

CSA rating data

Rated voltage (Use group C)	300 V
Rated current (Use group C)	35 A
Rated voltage (Use group D)	600 V
Rated current (Use group D)	5 A

UL 1059 rating data

Rated voltage (Use group C)	300 V
Rated current (Use group C)	35 A
Rated voltage (Use group D)	600 V
Rated current (Use group D)	5 A

Approvals

Approvals institutes



Classifications

eClass 5.1

27-26-07-04

Similar products

Order No.	Part designation	Version
1928290000	BVL 7.62HP/03/90G SW	PCB plug-in connector, Female connectors, Soldered connection, Pitch: 7.62 mm, No. of poles: 3, 90°, Box
1928300000	BVL 7.62HP/04/90G SW	PCB plug-in connector, Female connectors, Soldered connection, Pitch: 7.62 mm, No. of poles: 4, 90°, Box
1928310000	BVL 7.62HP/05/90G SW	PCB plug-in connector, Female connectors, Soldered connection, Pitch: 7.62 mm, No. of poles: 5, 90°, Box
1928320000	BVL 7.62HP/06/90G SW	PCB plug-in connector, Female connectors, Soldered connection, Pitch: 7.62 mm, No. of poles: 6, 90°, Box
1928330000	BVL 7.62HP/07/90G SW	PCB plug-in connector, Female connectors, Soldered connection, Pitch: 7.62 mm, No. of poles: 7, 90°, Box
1928340000	BVL 7.62HP/08/90G SW	PCB plug-in connector, Female connectors, Soldered connection, Pitch: 7.62 mm, No. of poles: 8, 90°, Box
1928350000	BVL 7.62HP/09/90G SW	PCB plug-in connector, Female connectors, Soldered connection, Pitch: 7.62 mm, No. of poles: 9, 90°, Box
1928360000	BVL 7.62HP/10/90G SW	PCB plug-in connector, Female connectors, Soldered connection, Pitch: 7.62 mm, No. of poles: 10, 90°, Box