



#### 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