



Product catalogue

This page in [English](#)

[Product catalogue](#) | [Product selector](#) | [Configurator](#) | [Your opinion](#) | [Terms](#) | [Your inquiry list contains 0 articles](#) |

[Product catalogue](#) > [PCB Components and Housings for Electronics](#) > [PCB plug-in connectors](#) > [Pitch 7.50 / 7.62 mm \(0.295 / 0.300 inch\)](#) > [Plug connectors, solder connection, pitch 7.50/7.62](#) > [SL 7.50-7.62/90](#) > [SL 7.62/90B](#)

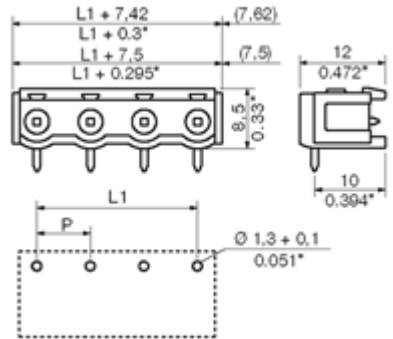
Configurator

Product selector

SL 7.62/ 8/ 90B3.2SN OR

Product catalogue

- ▶ Product news
- ▶ Terminals
- ▶ PCB Components and Housings for Electronics
 - ▶ PCB plug-in connectors
 - ▶ Pitch 3.50 mm (0.138 inch) 2-row
 - ▶ Pitch 3.50 mm (0.138 inch)
 - ▶ Pitch 3.81 mm (0.150 inch)
 - ▶ Pitch 5.00 / 5.08 mm (0.197 / 0.200 inch)
 - ▶ Pitch 5.08 mm (0.200 inch) - SLA/BLA
 - ▶ Pitch 7.00 mm (0.276 inch) - STV
 - ▶ Pitch 7.50 / 7.62 mm (0.295 / 0.300 inch)
 - ▶ Plug connectors, solder connection, pitch 7.50/7.62
 - ▶ SL 7.50-7.62/90
 - ▶ SL 7.50/90
 - ▶ SL 7.62/90
 - ▶ SL 7.50/90B
 - ▶ SL 7.62/90B
 - ▶ SL 7.50-7.62/180
 - ▶ SL 7.62HP/90
 - ▶ SL 7.62HP/180
 - ▶ Plug connectors, tension spring connection, pitch 7.50/7.62
 - ▶ Socket connectors, tension spring connection, pitch 7.50/7.62
 - ▶ Socket connectors,



- Inquire pr
- Tell a frier
- PDF datas
- Configurat
- CAD mode
- Accessorie
- Similar pro
- Print

General ordering data

Order No.	1624430000
Part designation	SL 7.62/8/90B3.2SN OR
Version	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 7.62 mm, No. of poles: 8, 90°, Box
EAN	4008190195489
Qty.	50 pc(s).

System parameters

Fitted to PCB	Soldered connection
Outgoing elbow	90°
Pitch	7.62 mm
Pitch in inch	0.3 inch

tension clamp		
▶ connection, pitch 7.50/7.62	No. of poles	8
▶ Pitch 7.62 mm (0.300 inch) - SV/BV	Solder pin length	3.2 mm
▶ Pitch 10.16 mm (0.400 inch) - SU/BU	Can be coded	Yes
▶ CrimpMate	No. of rows	1
▶ Accessories	No. of solder pins per pole	1
▶ PCB terminals	Dia. of fitting hole	1.3 mm
▶ Electronics housings	Fitting hole tolerance	+ 0.1 mm
▶ Heavy Duty Connectors	L1 in mm	53.34 mm
▶ Functional Electronics	L1 in inch	2.1 inch
▶ Enclosures	Insulation resistance	1 MΩ
▶ Installation Products	Electric shock protection to DIN VDE 0470	Safe from finger touch, plugged
▶ Sensor-Actuator-Interface (SAI)		
▶ Tools		
▶ Industrial Ethernet		
▶ FieldPower®		

Material data

Insulating material	PBT
Colour	orange
colour chart	Similar to RAL 2000
Insulating material group	IIIa
Flammability class UL 94	V-0
CTI	>= 200
Contact base material	CuSn
Contact surface	tinned
Constant operating temp., min.	-25 °C
Constant operating temp., max.	100 °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)	18.5 A
Rated current, max. No. pins (Tu= 20°C)	17 A

Rated current, min. No. pins (Tu= 40° C)	16 A
Rated current, max. No. pins (Tu= 40° C)	14.5 A
Rated voltage for overvoltage class/ pollution severity III/ 3	500 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	800 V
Rated impulse withstand voltage for overvoltage class/ pollution severity II/ 2	6 kV
Short-time withstand current resistance	3 x 1s with 120 A

CSA rating data

Rated voltage, user group D	300 V
Rated current, user group D	10 A

UL 1059 rating data

Rated voltage, user group D	300 V
Rated current, user group D	10 A

Approvals

Approvals institutes





Downloads

CAD Library (P-CAD Format -
Standard)






[SL.LIB](#)




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	Qty.	No. of poles	Solder pin length	Colour
	SL	PCB plug-in connector, Male connectors, 100				
▶ 1624370000	7.62/2/90B3.2SN OR	Soldered connection, (s). Pitch: 7.62 mm, No. of poles: 2, 90°, Box	pc 2	2	3.2 mm	orange ▶
	SL 7.62/3/90B 3.2 SN OR	PCB plug-in connector, Male connectors, 100				
▶ 1624380000	SL 7.62/3/90B 3.2 SN OR	Soldered connection, (s). Pitch: 7.62 mm, No. of poles: 3, 90°, Box	pc 3	3	3.2 mm	orange ▶

			PCB plug-in connector, Male				
▶ 1624390000	SL 7.62/4/90B3.2SN OR	connectors, 100	Soldered pc connection, (s).	4	3.2 mm orange	▶ 	
			Pitch: 7.62 mm, No. of poles: 4, 90°, Box				
			PCB plug-in connector, Male				
▶ 1624400000	SL 7.62/5/90B3.2SN OR	connectors, 50	Soldered pc connection, (s).	5	3.2 mm orange	▶ 	
			Pitch: 7.62 mm, No. of poles: 5, 90°, Box				
			PCB plug-in connector, Male				
▶ 1624410000	SL 7.62/6/90B3.2SN OR	connectors, 50	Soldered pc connection, (s).	6	3.2 mm orange	▶ 	
			Pitch: 7.62 mm, No. of poles: 6, 90°, Box				
			PCB plug-in connector, Male				
▶ 1624420000	SL 7.62/7/90B3.2SN OR	connectors, 50	Soldered pc connection, (s).	7	3.2 mm orange	▶ 	
			Pitch: 7.62 mm, No. of poles: 7, 90°, Box				
			PCB plug-in connector, Male				
▶ 1624440000	SL 7.62/9/90B3.2SN OR	connectors, 50	Soldered pc connection, (s).	9	3.2 mm orange	▶ 	
			Pitch: 7.62 mm, No. of poles: 9,				

							90°, Box		
							PCB plug-in connector, Male		
	SL						connectors, 50		
▶	1624450000	7.62/10/90B3.2SN	Soldered connection, (s).	pc	10	3.2 mm	orange	▶	
	OR						Pitch: 7.62 mm, No. of poles: 10, 90°, Box		
							PCB plug-in connector, Male		
	SL						connectors, 50		
▶	1624460000	7.62/11/90B3.2SN	Soldered connection, (s).	pc	11	3.2 mm	orange	▶	
	OR						Pitch: 7.62 mm, No. of poles: 11, 90°, Box		
							PCB plug-in connector, Male		
	SL						connectors, 50		
▶	1624470000	7.62/12/90B3.2SN	Soldered connection, (s).	pc	12	3.2 mm	orange	▶	
	OR						Pitch: 7.62 mm, No. of poles: 12, 90°, Box		

Last update:
27.05.2008

[↑ Top](#) [↩ Back](#)



Copyright Weidmüller Interface GmbH & Co. KG | Klingenbergstraße 16 | D-32758 Detmold
Copyright | AGB | Datenschutz | Nutzungsbedingungen