



General ordering data

Order No.	1629020000
Part designation	SL 7.50/2/180 3.2SN OR
Version	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 7.50 mm, Number of poles: 2, 180°, Box
EAN	4008190201821
Qty	100 pc(s).

System parameters

Fitted to PCB	Soldered connection
Outgoing elbow	180°
Pitch	7.5 mm
Pitch in inch	0.295 inch
Number of poles	2
Length of soldering post	3.2 mm
Codable	yes
No. of rows	1
No. of solder pins per pole	1
Dia. of fitting hole	1.3 mm
Fitting hole tolerance	+ 0.1 mm
L1 in mm	7.5 mm
L1 in inch	0.295 inch
Insulation resistance	1 MΩ

System parameters

Electric shock protection to DIN VDE 0470 Safe from finger touch, plugged

Material data

Insulation material	PBT
Colour	orange
Description of plastic colour	ähnlich RAL 2000
Insulating material group	IIIa
UL 94 combustibility class	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	300 V
Rated current	10 A

UL 1059 rating data

Rated voltage	300 V
Rated current	10 A

Approvals

Approval body



Downloads

CAD Library (P-CAD Format - ASCII)	SL.LIA
CAD Library (P-CAD Format - Standard)	SL.LIB

Classifications

ETIM 2.0	NK
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
1629090000	SL 7.50/9/180 3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 7.50 mm, Number of poles: 9, 180°, Box
1629120000	SL 7.50/12/180 3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 7.50 mm, Number of poles: 12, 180°, Box
1629100000	SL 7.50/10/180 3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 7.50 mm, Number of poles: 10, 180°, Box
1629050000	SL 7.50/5/180 3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 7.50 mm, Number of poles: 5, 180°, Box
1629060000	SL 7.50/6/180 3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 7.50 mm, Number of poles: 6, 180°, Box
1629020000	SL 7.50/2/180 3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 7.50 mm, Number of poles: 2, 180°, Box
1629070000	SL 7.50/7/180 3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 7.50 mm, Number of poles: 7, 180°, Box
1629040000	SL 7.50/4/180 3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 7.50 mm, Number of poles: 4, 180°, Box
1629030000	SL 7.50/3/180 3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 7.50 mm, Number of poles: 3, 180°, Box
1629080000	SL 7.50/8/180 3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 7.50 mm, Number of poles: 8, 180°, Box

1629110000 SL 7.50/11/180 3.2SN OR

PCB plug-in connector, Male connectors, Soldered connection,
Pitch: 7.50 mm, Number of poles: 11, 180°, Box

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