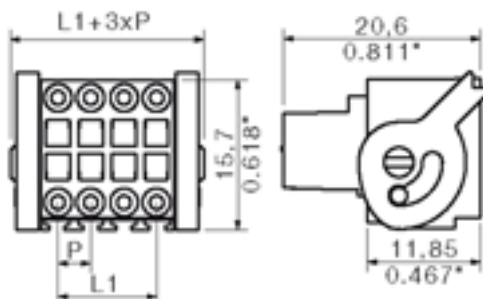


阅读申明

- 1.本站收集的数据手册和产品资料都来自互联网，版权归原作者所有。如读者和版权方有任何异议请及时告之，我们将妥善解决。
- 2.本站提供的中文数据手册是英文数据手册的中文翻译，其目的是协助用户阅读，该译文无法自动跟随原稿更新，同时也可能存在翻译上的不当。建议读者以英文原稿为参考以便获得更精准的信息。
- 3.本站提供的产品资料，来自厂商的技术支持或者使用者的心得体会等，其内容可能存在描述上的差异，建议读者做出适当判断。
- 4.如需与我们联系，请发邮件到marketing@iczoom.com，主题请标有“数据手册”字样。

Read Statement

1. The datasheets and other product information on the site are all from network reference or other public materials, and the copyright belongs to the original author and original published source. If readers and copyright owners have any objections, please contact us and we will deal with it in a timely manner.
2. The Chinese datasheets provided on the website is a Chinese translation of the English datasheets. Its purpose is for reader's learning exchange only and do not involve commercial purposes. The translation cannot be automatically updated with the original manuscript, and there may also be improper translations. Readers are advised to use the English manuscript as a reference for more accurate information.
3. All product information provided on the website refer to solutions from manufacturers' technical support or users the contents may have differences in description, and readers are advised to take the original article as the standard.
4. If you have any questions, please contact us at marketing@iczoom.com and mark the subject with "Datasheets" .



General ordering data

Order No.	1748550000
Part designation	B2L 3.5/18 LH SN SW
Version	PCB plug-in connector, Female connectors, Tension clamp connection, Clamping range, max.: 1 mm ² , Pitch: 3.50 mm, No. of poles: 18, 180°, Box
EAN	4032248038268
Qty.	20 pc(s).

System parameters

Conductor connection system	Tension clamp connection
Outgoing direction of conductor	180°
Pitch	3.5 mm
Pitch in inch	0.138 inch
No. of poles	18
No. of rows	2
Stripping length	7 mm
L1 in mm	28 mm
L1 in inch	1.102 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	PBT
Colour	black
colour chart	Similar to RAL 9011
Insulating material group	IIIa
Flammability class UL 94	V-0
CTI	>= 200
Contact base material	Copper alloy
Contact surface	tinned

Connectable conductors

Clamping range, min.	0.08 mm ²
Clamping range, max.	1 mm ²
AWG, min.	28
AWG, max.	18
Solid, min. H05(07) V-U	0.2 mm ²
Solid, max. H05(07) V-U	1 mm ²
Flexible, min. H05(07) V-K	0.2 mm ²
Flexible, max. H05(07) V-K	1 mm ²
With wire end ferrule, acc. to DIN 46 228/1, min.	0.13 mm ²
With wire end ferrule, acc. to DIN 46 228/1, max.	0.34 mm ²
w. plastic collar ferrule, DIN 46228 pt 4, min.	0.13 mm ²
w. plastic collar ferrule, DIN 46228 pt 4, max.	0.34 mm ²

DIN IEC rating data

Rated voltage for overvoltage class/pollution severity II/2	250 V
Rated voltage for overvoltage class/pollution severity III/2	125 V
Rated voltage for overvoltage class/pollution severity III/3	80 V
Rated impulse withstand voltage for overvoltage class/pollution severity II/2	2.5 kV
Rated impulse withstand voltage for overvoltage class/pollution severity III/2	2.5 kV
Rated impulse withstand voltage for overvoltage class/pollution severity III/3	2.5 kV
Short-time withstand current resistance	3 x 1s with 77 A

CSA rating data

Rated voltage (Use group D)	50 V
Rated current (Use group D)	5 A
AWG conductor (field wiring), min.	28
AWG conductor (field wiring), max.	18

UL 1059 rating data

Rated voltage (Use group D)	150 V
Rated current (Use group D)	10 A
AWG conductor, min.	22
AWG conductor, max.	16

Approvals

Approvals institutes



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	27-26-07-01

Similar products

Order No.	Part designation	Version
1001280000	B2L 3.5/4LH SN OR	PCB plug-in connector, Female connectors, Tension clamp connection, Clamping range, max.: 1 mm ² , Pitch: 3.50 mm, No. of poles: 4, 180°, Box
1001290000	B2L 3.5/4LH SN SW	PCB plug-in connector, Female connectors, Tension clamp connection, Clamping range, max.: 1 mm ² , Pitch: 3.50 mm, No. of poles: 4, 180°, Box
1748330000	B2L 3.5/6 LH SN OR	PCB plug-in connector, Female connectors, Tension clamp connection, Clamping range, max.: 1 mm ² , Pitch: 3.50 mm, No. of poles: 6, 180°, Box
1748490000	B2L 3.5/6 LH SN SW	PCB plug-in connector, Female connectors, Tension clamp connection, Clamping range, max.: 1 mm ² , Pitch: 3.50 mm, No. of poles: 6, 180°, Box
1748340000	B2L 3.5/8 LH SN OR	PCB plug-in connector, Female connectors, Tension clamp connection, Clamping range, max.: 1 mm ² , Pitch: 3.50 mm, No. of poles: 8, 180°, Box
1748500000	B2L 3.5/8 LH SN SW	PCB plug-in connector, Female connectors, Tension clamp connection, Clamping range, max.: 1 mm ² , Pitch: 3.50 mm, No. of poles: 8, 180°, Box
1748350000	B2L 3.5/10 LH SN OR	PCB plug-in connector, Female connectors, Tension clamp connection, Clamping range, max.: 1 mm ² , Pitch: 3.50 mm, No. of poles: 10, 180°, Box
1748510000	B2L 3.5/10 LH SN SW	PCB plug-in connector, Female connectors, Tension clamp connection, Clamping range, max.: 1 mm ² , Pitch: 3.50 mm, No. of poles: 10, 180°, Box
1748360000	B2L 3.5/12 LH SN OR	PCB plug-in connector, Female connectors, Tension clamp connection, Clamping range, max.: 1 mm ² , Pitch: 3.50 mm, No. of poles: 12, 180°, Box
1748520000	B2L 3.5/12 LH SN SW	PCB plug-in connector, Female connectors, Tension clamp connection, Clamping range, max.: 1 mm ² , Pitch: 3.50 mm, No. of poles: 12, 180°, Box
1748370000	B2L 3.5/14 LH SN OR	PCB plug-in connector, Female connectors, Tension clamp connection, Clamping range, max.: 1 mm ² , Pitch: 3.50 mm, No. of poles: 14, 180°, Box

1748530000	B2L 3.5/14 LH SN SW	PCB plug-in connector, Female connectors, Tension clamp connection, Clamping range, max.: 1 mm ² , Pitch: 3.50 mm, No. of poles: 14, 180°, Box
1748380000	B2L 3.5/16 LH SN OR	PCB plug-in connector, Female connectors, Tension clamp connection, Clamping range, max.: 1 mm ² , Pitch: 3.50 mm, No. of poles: 16, 180°, Box
1748540000	B2L 3.5/16 LH SN SW	PCB plug-in connector, Female connectors, Tension clamp connection, Clamping range, max.: 1 mm ² , Pitch: 3.50 mm, No. of poles: 16, 180°, Box
1748390000	B2L 3.5/18 LH SN OR	PCB plug-in connector, Female connectors, Tension clamp connection, Clamping range, max.: 1 mm ² , Pitch: 3.50 mm, No. of poles: 18, 180°, Box
1748400000	B2L 3.5/20 LH SN OR	PCB plug-in connector, Female connectors, Tension clamp connection, Clamping range, max.: 1 mm ² , Pitch: 3.50 mm, No. of poles: 20, 180°, Box
1748560000	B2L 3.5/20 LH SN SW	PCB plug-in connector, Female connectors, Tension clamp connection, Clamping range, max.: 1 mm ² , Pitch: 3.50 mm, No. of poles: 20, 180°, Box
1748410000	B2L 3.5/22 LH SN OR	PCB plug-in connector, Female connectors, Tension clamp connection, Clamping range, max.: 1 mm ² , Pitch: 3.50 mm, No. of poles: 22, 180°, Box
1748570000	B2L 3.5/22 LH SN SW	PCB plug-in connector, Female connectors, Tension clamp connection, Clamping range, max.: 1 mm ² , Pitch: 3.50 mm, No. of poles: 22, 180°, Box
1748420000	B2L 3.5/24 LH SN OR	PCB plug-in connector, Female connectors, Tension clamp connection, Clamping range, max.: 1 mm ² , Pitch: 3.50 mm, No. of poles: 24, 180°, Box
1748580000	B2L 3.5/24 LH SN SW	PCB plug-in connector, Female connectors, Tension clamp connection, Clamping range, max.: 1 mm ² , Pitch: 3.50 mm, No. of poles: 24, 180°, Box
1748430000	B2L 3.5/26 LH SN OR	PCB plug-in connector, Female connectors, Tension clamp connection, Clamping range, max.: 1 mm ² , Pitch: 3.50 mm, No. of poles: 26, 180°, Box
1748590000	B2L 3.5/26 LH SN SW	PCB plug-in connector, Female connectors, Tension clamp connection, Clamping range, max.: 1 mm ² , Pitch: 3.50 mm, No. of poles: 26, 180°, Box
1748440000	B2L 3.5/28 LH SN OR	PCB plug-in connector, Female connectors, Tension clamp connection, Clamping range, max.: 1 mm ² , Pitch: 3.50 mm, No. of poles: 28, 180°, Box
1748600000	B2L 3.5/28 LH SN SW	PCB plug-in connector, Female connectors, Tension clamp connection, Clamping range, max.: 1 mm ² , Pitch: 3.50 mm, No. of poles: 28, 180°, Box
1748450000	B2L 3.5/30 LH SN OR	PCB plug-in connector, Female connectors, Tension clamp connection, Clamping range, max.: 1 mm ² , Pitch: 3.50 mm, No. of poles: 30, 180°, Box
1748610000	B2L 3.5/30 LH SN SW	PCB plug-in connector, Female connectors, Tension clamp connection, Clamping range, max.: 1 mm ² , Pitch: 3.50 mm, No. of poles: 30, 180°, Box
1748460000	B2L 3.5/32 LH SN OR	PCB plug-in connector, Female connectors, Tension clamp connection, Clamping range, max.: 1 mm ² , Pitch: 3.50 mm, No. of poles: 32, 180°, Box

1748620000	B2L 3.5/32 LH SN SW	PCB plug-in connector, Female connectors, Tension clamp connection, Clamping range, max.: 1 mm ² , Pitch: 3.50 mm, No. of poles: 32, 180°, Box
1748470000	B2L 3.5/34 LH SN OR	PCB plug-in connector, Female connectors, Tension clamp connection, Clamping range, max.: 1 mm ² , Pitch: 3.50 mm, No. of poles: 34, 180°, Box
1748630000	B2L 3.5/34 LH SN SW	PCB plug-in connector, Female connectors, Tension clamp connection, Clamping range, max.: 1 mm ² , Pitch: 3.50 mm, No. of poles: 34, 180°, Box
1748480000	B2L 3.5/36 LH SN OR	PCB plug-in connector, Female connectors, Tension clamp connection, Clamping range, max.: 1 mm ² , Pitch: 3.50 mm, No. of poles: 36, 180°, Box
1748640000	B2L 3.5/36 LH SN SW	PCB plug-in connector, Female connectors, Tension clamp connection, Clamping range, max.: 1 mm ² , Pitch: 3.50 mm, No. of poles: 36, 180°, Box