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Stocking Distributor

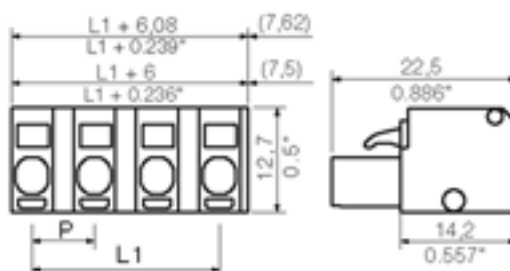
Click to view price, real time Inventory, Delivery & Lifecycle Information:

[Weidmüller](#)
[1722690000](#)

For any questions, you can email us directly:

sales@integrated-circuit.com

Product catalogue | PCB connection systems | PCB plug-in connectors | Pitch 7.50 / 7.62 mm (0.295 / 0.300 inch) | Socket connectors, tension spring connection, pitch 7.50/7.62 | BLZFS 7.50-7.62 | BLZFS 7.62/180



General ordering data

Order No.	1722690000
Part designation	BLZF 7.62/10 SN OR
Version	PCB plug-in connector, Female connectors, Tension clamp connection, Clamping range, max.: 2.5 mm ² , Pitch: 7.62 mm, No. of poles: 10, 180°, Box
EAN	4008190398989
Qty.	50 pc(s).

System parameters

Conductor connection system	Tension clamp connection
Outgoing direction of conductor	180°
Pitch	7.62 mm
Pitch in inch	0.3 inch
No. of poles	10
No. of rows	1
Screwdriver blade	0.6 x 3.5
Screwdriver blade standard	DIN 5264-A
Stripping length	7 mm
L1 in mm	68.58 mm
L1 in inch	2.7 inch
Electric shock protection to DIN VDE 0470	Safe from finger touch

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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	Copper alloy
Contact surface	tinned

Connectable conductors

Clamping range, min.	0.13 mm ²
Clamping range, max.	2.5 mm ²
AWG, min.	26
AWG, max.	14
Solid, min. H05(07) V-U	0.2 mm ²
Solid, max. H05(07) V-U	2.5 mm ²
Flexible, min. H05(07) V-K	0.2 mm ²
Flexible, max. H05(07) V-K	2.5 mm ²
With wire end ferrule, acc. to DIN 46 228/1, min.	0.5 mm ²
With wire end ferrule, acc. to DIN 46 228/1, max.	1.5 mm ²
w. plastic collar ferrule, DIN 46228 pt 4, min.	0.5 mm ²
w. plastic collar ferrule, DIN 46228 pt 4, max.	1.5 mm ²
Gauge to EN 60999 a x b; $\varnothing$	2.4 mm x 1.5 mm;

DIN IEC rating data

Rated current, min. No. pins (Tu=20°C)	20 A
Rated current, max. No. pins (Tu=20°C)	17.5 A
Rated current, min. No. pins (Tu=40°C)	17 A
Rated current, max. No. pins (Tu=40°C)	15 A
Rated voltage for overvoltage class/pollution severity II/2	800 V
Rated voltage for overvoltage class/pollution severity III/2	630 V
Rated voltage for overvoltage class/pollution severity III/3	500 V
Rated impulse withstand voltage for overvoltage class/pollution severity II/2	6 kV
Rated impulse withstand voltage for overvoltage class/pollution severity III/2	6 kV
Rated impulse withstand voltage for overvoltage class/pollution severity III/3	6 kV
Short-time withstand current resistance	3 x 1s with 120 A

CSA rating data

Rated voltage (Use group D)	300 V
Rated current (Use group D)	10 A
AWG conductor (field wiring), min.	26
AWG conductor (field wiring), max.	14

UL 1059 rating data

Rated voltage (Use group D)	300 V
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UL 1059 rating data

Rated current (Use group D)	10 A
AWG conductor, min.	26
AWG conductor, max.	14

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	27-26-07-04

Similar products

Order No.	Part designation	Version
1722610000	BLZF 7.62/2 SN OR	PCB plug-in connector, Female connectors, Tension clamp connection, Clamping range, max.: 2.5 mm ² , Pitch: 7.62 mm, No. of poles: 2, 180°, Box
1722620000	BLZF 7.62/3 SN OR	PCB plug-in connector, Female connectors, Tension clamp connection, Clamping range, max.: 2.5 mm ² , Pitch: 7.62 mm, No. of poles: 3, 180°, Box
1722630000	BLZF 7.62/4 SN OR	PCB plug-in connector, Female connectors, Tension clamp connection, Clamping range, max.: 2.5 mm ² , Pitch: 7.62 mm, No. of poles: 4, 180°, Box
1722640000	BLZF 7.62/5 SN OR	PCB plug-in connector, Female connectors, Tension clamp connection, Clamping range, max.: 2.5 mm ² , Pitch: 7.62 mm, No. of poles: 5, 180°, Box
1722650000	BLZF 7.62/6 SN OR	PCB plug-in connector, Female connectors, Tension clamp connection, Clamping range, max.: 2.5 mm ² , Pitch: 7.62 mm, No. of poles: 6, 180°, Box
1722660000	BLZF 7.62/7 SN OR	PCB plug-in connector, Female connectors, Tension clamp connection, Clamping range, max.: 2.5 mm ² , Pitch: 7.62 mm, No. of poles: 7, 180°, Box
1722670000	BLZF 7.62/8 SN OR	PCB plug-in connector, Female connectors, Tension clamp connection, Clamping range, max.: 2.5 mm ² , Pitch: 7.62 mm, No. of poles: 8, 180°, Box
1722680000	BLZF 7.62/9 SN OR	PCB plug-in connector, Female connectors, Tension clamp connection, Clamping range, max.: 2.5 mm ² , Pitch: 7.62 mm, No. of poles: 9, 180°, Box
1722700000	BLZF 7.62/11 SN OR	PCB plug-in connector, Female connectors, Tension clamp connection, Clamping range, max.: 2.5 mm ² , Pitch: 7.62 mm, No. of poles: 11, 180°, Box

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1722710000 BLZF 7.62/12 SN OR

PCB plug-in connector, Female connectors, Tension clamp connection, Clamping range, max.: 2.5 mm², Pitch: 7.62 mm, No. of poles: 12, 180°, Box