



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

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; ø	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

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