



#### General ordering data

Order No.	1945710000
Part designation	BLZP 5.08/21LH SN SW
Version	, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 21, 180°, Box
EAN	4032248620982
Qty.	18 pc(s).

#### System parameters

Conductor connection system	Clamping yoke connection
Outgoing direction of conductor	180°
Pitch	5.08 mm
Pitch in inch	0.2 inch
No. of poles	21
No. of rows	1
Screwdriver blade	0.6 x 3.5
Screwdriver blade standard	DIN 5264
Tightening torque, min.	0.4 Nm
Tightening torque, max.	0.5 Nm
Clamping screw	M 2.5
Stripping length	7 mm
L1 in mm	101.6 mm
L1 in inch	4 inch
Electric shock protection to DIN VDE 0470	Safe from finger touch

#### Material data

Insulating material	PBT
Colour	black
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 <sup>2</sup>
Clamping range, max.	4 mm <sup>2</sup>
AWG, min.	26
AWG, max.	12
Solid, min. H05(07) V-U	0.2 mm <sup>2</sup>
Solid, max. H05(07) V-U	4 mm <sup>2</sup>
Flexible, min. H05(07) V-K	0.2 mm <sup>2</sup>
Flexible, max. H05(07) V-K	4 mm <sup>2</sup>
With wire end ferrule, acc. to DIN 46 228/1, min.	0.2 mm <sup>2</sup>
With wire end ferrule, acc. to DIN 46 228/1, max.	4 mm <sup>2</sup>
w. plastic collar ferrule, DIN 46228 pt 4, min.	0.2 mm <sup>2</sup>
w. plastic collar ferrule, DIN 46228 pt 4, max.	2.5 mm <sup>2</sup>
Gauge to EN 60999 a x b; ø	2.8 mm x 2.4 mm

#### DIN IEC rating data

Rated current, min. No. pins (Tu=20°C)	19 A
Rated current, max. No. pins (Tu=20°C)	15.5 A
Rated current, min. No. pins (Tu=40°C)	16 A
Rated current, max. No. pins (Tu=40°C)	13 A
Rated voltage for overvoltage class/pollution severity II/2	400 V
Rated voltage for overvoltage class/pollution severity III/2	320 V
Rated voltage for overvoltage class/pollution severity III/3	250 V
Rated impulse withstand voltage for overvoltage class/pollution severity II/2	4 kV
Rated impulse withstand voltage for overvoltage class/pollution severity III/2	4 kV
Rated impulse withstand voltage for overvoltage class/pollution severity III/3	4 kV
Short-time withstand current resistance	3 x 1s with 120 A

#### CSA rating data

Rated voltage (Use group C)	50 V
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.	12

#### UL 1059 rating data

Rated voltage (Use group C)	50 V
Rated voltage (Use group D)	300 V
Rated current (Use group D)	10 A
AWG conductor, min.	26
AWG conductor, max.	12

## Approvals

Approvals institutes



## Similar products

Order No.	Part designation	Version
1945290000	BLZP 5.08/02LH SN OR	, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 2, 180°, Box
1945520000	BLZP 5.08/02LH SN SW	, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 2, 180°, Box
1945300000	BLZP 5.08/03LH SN OR	, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 3, 180°, Box
1945530000	BLZP 5.08/03LH SN SW	, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 3, 180°, Box
1945310000	BLZP 5.08/04LH SN OR	, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 4, 180°, Box
1945540000	BLZP 5.08/04LH SN SW	, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 4, 180°, Box
1945320000	BLZP 5.08/05LH SN OR	, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 5, 180°, Box
1945550000	BLZP 5.08/05LH SN SW	, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 5, 180°, Box
1945330000	BLZP 5.08/06LH SN OR	, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 6, 180°, Box
1945560000	BLZP 5.08/06LH SN SW	, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 6, 180°, Box
1945340000	BLZP 5.08/07LH SN OR	, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 7, 180°, Box
1945570000	BLZP 5.08/07LH SN SW	, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 7, 180°, Box
1945350000	BLZP 5.08/08LH SN OR	, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 8, 180°, Box
1945580000	BLZP 5.08/08LH SN SW	, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 8, 180°, Box
1945360000	BLZP 5.08/09LH SN OR	, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 9, 180°, Box

1945590000	BLZP 5.08/09LH SN SW	, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 9, 180°, Box
1945370000	BLZP 5.08/10LH SN OR	, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 10, 180°, Box
1945600000	BLZP 5.08/10LH SN SW	, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 10, 180°, Box
1945380000	BLZP 5.08/11LH SN OR	, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 11, 180°, Box
1945610000	BLZP 5.08/11LH SN SW	, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 11, 180°, Box
1945390000	BLZP 5.08/12LH SN OR	, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 12, 180°, Box
1945620000	BLZP 5.08/12LH SN SW	, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 12, 180°, Box
1945400000	BLZP 5.08/13LH SN OR	, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 13, 180°, Box
1945630000	BLZP 5.08/13LH SN SW	, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 13, 180°, Box
1945410000	BLZP 5.08/14LH SN OR	, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 14, 180°, Box
1945640000	BLZP 5.08/14LH SN SW	, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 14, 180°, Box
1945420000	BLZP 5.08/15LH SN OR	, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 15, 180°, Box
1945650000	BLZP 5.08/15LH SN SW	, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 15, 180°, Box
1945430000	BLZP 5.08/16LH SN OR	, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 16, 180°, Box
1945660000	BLZP 5.08/16LH SN SW	, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 16, 180°, Box
1945440000	BLZP 5.08/17LH SN OR	, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 17, 180°, Box
1945670000	BLZP 5.08/17LH SN SW	, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 17, 180°, Box
1945450000	BLZP 5.08/18LH SN OR	, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 18, 180°, Box
1945680000	BLZP 5.08/18LH SN SW	, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 18, 180°, Box
1945460000	BLZP 5.08/19LH SN OR	, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 19, 180°, Box
1945690000	BLZP 5.08/19LH SN SW	, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 19, 180°, Box
1945470000	BLZP 5.08/20LH SN OR	, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 20, 180°, Box
1945700000	BLZP 5.08/20LH SN SW	, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 20, 180°, Box
1945480000	BLZP 5.08/21LH SN OR	, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 21, 180°, Box
1945490000	BLZP 5.08/22LH SN OR	, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 22, 180°, Box
1945720000	BLZP 5.08/22LH SN SW	, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 22, 180°, Box

1945500000	BLZP 5.08/23LH SN OR	, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 23, 180°, Box
1945730000	BLZP 5.08/23LH SN SW	, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 23, 180°, Box
1945510000	BLZP 5.08/24LH SN OR	, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 24, 180°, Box
1945740000	BLZP 5.08/24LH SN SW	, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 24, 180°, Box