



General ordering data

Order No.	1943650000
Part designation	BLZP 5.08/09 SN OR
Version	, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch: 5.08 mm, No. of poles: 9, 180°, Box
EAN	4032248617661
Qty.	45 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	9
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	40.64 mm
L1 in inch	1.6 inch
Electric shock protection to DIN VDE 0470	Safe from finger touch

Material data

Insulating material	PBT
Colour	orange
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.	4 mm ²
AWG, min.	26
AWG, max.	12
Solid, min. H05(07) V-U	0.2 mm ²
Solid, max. H05(07) V-U	4 mm ²
Flexible, min. H05(07) V-K	0.2 mm ²
Flexible, max. H05(07) V-K	4 mm ²
With wire end ferrule, acc. to DIN 46 228/1, min.	0.2 mm ²
With wire end ferrule, acc. to DIN 46 228/1, max.	4 mm ²
w. plastic collar ferrule, DIN 46228 pt 4, min.	0.2 mm ²
w. plastic collar ferrule, DIN 46228 pt 4, max.	2.5 mm ²
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
1943580000	BLZP 5.08/02 SN OR	, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch: 5.08 mm, No. of poles: 2, 180°, Box
1943810000	BLZP 5.08/02 SN SW	, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch: 5.08 mm, No. of poles: 2, 180°, Box
1943590000	BLZP 5.08/03 SN OR	, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch: 5.08 mm, No. of poles: 3, 180°, Box
1943820000	BLZP 5.08/03 SN SW	, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch: 5.08 mm, No. of poles: 3, 180°, Box
1943600000	BLZP 5.08/04 SN OR	, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch: 5.08 mm, No. of poles: 4, 180°, Box
1943830000	BLZP 5.08/04 SN SW	, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch: 5.08 mm, No. of poles: 4, 180°, Box
1943610000	BLZP 5.08/05 SN OR	, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch: 5.08 mm, No. of poles: 5, 180°, Box
1943840000	BLZP 5.08/05 SN SW	, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch: 5.08 mm, No. of poles: 5, 180°, Box
1943620000	BLZP 5.08/06 SN OR	, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch: 5.08 mm, No. of poles: 6, 180°, Box
1943850000	BLZP 5.08/06 SN SW	, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch: 5.08 mm, No. of poles: 6, 180°, Box
1943630000	BLZP 5.08/07 SN OR	, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch: 5.08 mm, No. of poles: 7, 180°, Box
1943860000	BLZP 5.08/07 SN SW	, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch: 5.08 mm, No. of poles: 7, 180°, Box
1943640000	BLZP 5.08/08 SN OR	, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch: 5.08 mm, No. of poles: 8, 180°, Box
1943870000	BLZP 5.08/08 SN SW	, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch: 5.08 mm, No. of poles: 8, 180°, Box
1943880000	BLZP 5.08/09 SN SW	, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch: 5.08 mm, No. of poles: 9, 180°, Box

1943660000	BLZP 5.08/10 SN OR	, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch: 5.08 mm, No. of poles: 10, 180°, Box
1943890000	BLZP 5.08/10 SN SW	, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch: 5.08 mm, No. of poles: 10, 180°, Box
1943670000	BLZP 5.08/11 SN OR	, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch: 5.08 mm, No. of poles: 11, 180°, Box
1943900000	BLZP 5.08/11 SN SW	, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch: 5.08 mm, No. of poles: 11, 180°, Box
1943680000	BLZP 5.08/12 SN OR	, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch: 5.08 mm, No. of poles: 12, 180°, Box
1943910000	BLZP 5.08/12 SN SW	, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch: 5.08 mm, No. of poles: 12, 180°, Box
1943690000	BLZP 5.08/13 SN OR	, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch: 5.08 mm, No. of poles: 13, 180°, Box
1943920000	BLZP 5.08/13 SN SW	, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch: 5.08 mm, No. of poles: 13, 180°, Box
1943700000	BLZP 5.08/14 SN OR	, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch: 5.08 mm, No. of poles: 14, 180°, Box
1943930000	BLZP 5.08/14 SN SW	, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch: 5.08 mm, No. of poles: 14, 180°, Box
1943710000	BLZP 5.08/15 SN OR	, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch: 5.08 mm, No. of poles: 15, 180°, Box
1943940000	BLZP 5.08/15 SN SW	, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch: 5.08 mm, No. of poles: 15, 180°, Box
1943720000	BLZP 5.08/16 SN OR	, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch: 5.08 mm, No. of poles: 16, 180°, Box
1943950000	BLZP 5.08/16 SN SW	, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch: 5.08 mm, No. of poles: 16, 180°, Box
1943730000	BLZP 5.08/17 SN OR	, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch: 5.08 mm, No. of poles: 17, 180°, Box
1943960000	BLZP 5.08/17 SN SW	, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch: 5.08 mm, No. of poles: 17, 180°, Box
1943740000	BLZP 5.08/18 SN OR	, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch: 5.08 mm, No. of poles: 18, 180°, Box
1943970000	BLZP 5.08/18 SN SW	, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch: 5.08 mm, No. of poles: 18, 180°, Box
1943750000	BLZP 5.08/19 SN OR	, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch: 5.08 mm, No. of poles: 19, 180°, Box
1943980000	BLZP 5.08/19 SN SW	, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch: 5.08 mm, No. of poles: 19, 180°, Box
1943760000	BLZP 5.08/20 SN OR	, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch: 5.08 mm, No. of poles: 20, 180°, Box
1943990000	BLZP 5.08/20 SN SW	, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch: 5.08 mm, No. of poles: 20, 180°, Box
1943770000	BLZP 5.08/21 SN OR	, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch: 5.08 mm, No. of poles: 21, 180°, Box
1944000000	BLZP 5.08/21 SN SW	, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch: 5.08 mm, No. of poles: 21, 180°, Box
1943780000	BLZP 5.08/22 SN OR	, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch: 5.08 mm, No. of poles: 22, 180°, Box
1944010000	BLZP 5.08/22 SN SW	, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch: 5.08 mm, No. of poles: 22, 180°, Box

1943790000	BLZP 5.08/23 SN OR	, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch: 5.08 mm, No. of poles: 23, 180°, Box
1944020000	BLZP 5.08/23 SN SW	, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch: 5.08 mm, No. of poles: 23, 180°, Box
1943800000	BLZP 5.08/24 SN OR	, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch: 5.08 mm, No. of poles: 24, 180°, Box
1944030000	BLZP 5.08/24 SN SW	, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch: 5.08 mm, No. of poles: 24, 180°, Box