



General ordering data	
Order No.	1944270000
Part designation	BLZP 5.08/20F SN OR
Version	, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm², Pitch: 5.08 mm, No. of poles: 20, 180°, Box
EAN	4032248618859
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	20
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	96.52 mm
L1 in inch	3.8 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 mm²
Clamping range, max.	4 mm²
AWG, min.	26
AWG, max.	12
Solid, min. H05(07) V-U	0.2 mm²
Solid, max. H05(07) V-U	4 mm²
Flexible, min. H05(07) V-K	0.2 mm²
Flexible, max. H05(07) V-K	4 mm²
With wire end ferrule, acc. to DIN 46 228/1, min.	0.2 mm²
With wire end ferrule, acc. to DIN 46 228/1, max.	4 mm²
w. plastic collar ferrule, DIN 46228 pt 4, min.	0.2 mm²
w. plastic collar ferrule, DIN 46228 pt 4, max.	2.5 mm²
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
1944090000	BLZP 5.08/02F SN OR	, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm², Pitch: 5.08 mm, No. of poles: 2, 180°, Box
1944330000	BLZP 5.08/02F SN SW	, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm², Pitch: 5.08 mm, No. of poles: 2, 180°, Box
1944100000	BLZP 5.08/03F SN OR	, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm², Pitch: 5.08 mm, No. of poles: 3, 180°, Box
1944340000	BLZP 5.08/03F SN SW	, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm², Pitch: 5.08 mm, No. of poles: 3, 180°, Box
1944110000	BLZP 5.08/04F SN OR	, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm², Pitch: 5.08 mm, No. of poles: 4, 180°, Box
1944350000	BLZP 5.08/04F SN SW	, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm², Pitch: 5.08 mm, No. of poles: 4, 180°, Box
1944120000	BLZP 5.08/05F SN OR	, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm², Pitch: 5.08 mm, No. of poles: 5, 180°, Box
1944360000	BLZP 5.08/05F SN SW	, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm², Pitch: 5.08 mm, No. of poles: 5, 180°, Box
1944130000	BLZP 5.08/06F SN OR	, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm², Pitch: 5.08 mm, No. of poles: 6, 180°, Box
1944370000	BLZP 5.08/06F SN SW	, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm², Pitch: 5.08 mm, No. of poles: 6, 180°, Box
1944140000	BLZP 5.08/07F SN OR	, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm², Pitch: 5.08 mm, No. of poles: 7, 180°, Box
1944380000	BLZP 5.08/07F SN SW	, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm², Pitch: 5.08 mm, No. of poles: 7, 180°, Box
1944150000	BLZP 5.08/08F SN OR	, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm², Pitch: 5.08 mm, No. of poles: 8, 180°, Box
1944390000	BLZP 5.08/08F SN SW	, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm², Pitch: 5.08 mm, No. of poles: 8, 180°, Box
1944160000	BLZP 5.08/09F SN OR	, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm², Pitch: 5.08 mm, No. of poles: 9, 180°, Box

1944400000	BLZP 5.08/09F SN SW	, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm², Pitch: 5.08 mm, No. of poles: 9, 180°, Box
1944170000	BLZP 5.08/10F SN OR	, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm², Pitch: 5.08 mm, No. of poles: 10, 180°, Box
1944410000	BLZP 5.08/10F SN SW	, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm², Pitch: 5.08 mm, No. of poles: 10, 180°, Box
1944180000	BLZP 5.08/11F SN OR	, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm², Pitch: 5.08 mm, No. of poles: 11, 180°, Box
1944420000	BLZP 5.08/11F SN SW	, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm², Pitch: 5.08 mm, No. of poles: 11, 180°, Box
1944190000	BLZP 5.08/12F SN OR	, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm², Pitch: 5.08 mm, No. of poles: 12, 180°, Box
1944430000	BLZP 5.08/12F SN SW	, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm², Pitch: 5.08 mm, No. of poles: 12, 180°, Box
1944200000	BLZP 5.08/13F SN OR	, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm², Pitch: 5.08 mm, No. of poles: 13, 180°, Box
1944440000	BLZP 5.08/13F SN SW	, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm², Pitch: 5.08 mm, No. of poles: 13, 180°, Box
1944210000	BLZP 5.08/14F SN OR	, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm², Pitch: 5.08 mm, No. of poles: 14, 180°, Box
1944450000	BLZP 5.08/14F SN SW	, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm², Pitch: 5.08 mm, No. of poles: 14, 180°, Box
1944220000	BLZP 5.08/15F SN OR	, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm², Pitch: 5.08 mm, No. of poles: 15, 180°, Box
1944460000	BLZP 5.08/15F SN SW	, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm², Pitch: 5.08 mm, No. of poles: 15, 180°, Box
1944230000	BLZP 5.08/16F SN OR	, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm², Pitch: 5.08 mm, No. of poles: 16, 180°, Box
1944470000	BLZP 5.08/16F SN SW	, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm², Pitch: 5.08 mm, No. of poles: 16, 180°, Box
1944240000	BLZP 5.08/17F SN OR	, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm², Pitch: 5.08 mm, No. of poles: 17, 180°, Box
1944480000	BLZP 5.08/17F SN SW	, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm², Pitch: 5.08 mm, No. of poles: 17, 180°, Box
1944250000	BLZP 5.08/18F SN OR	, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm², Pitch: 5.08 mm, No. of poles: 18, 180°, Box
1944490000	BLZP 5.08/18F SN SW	, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm², Pitch: 5.08 mm, No. of poles: 18, 180°, Box
1944260000	BLZP 5.08/19F SN OR	, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm², Pitch: 5.08 mm, No. of poles: 19, 180°, Box
1944500000	BLZP 5.08/19F SN SW	, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm², Pitch: 5.08 mm, No. of poles: 19, 180°, Box
1944510000	BLZP 5.08/20F SN SW	, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm², Pitch: 5.08 mm, No. of poles: 20, 180°, Box
1944280000	BLZP 5.08/21F SN OR	, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm², Pitch: 5.08 mm, No. of poles: 21, 180°, Box
1944520000	BLZP 5.08/21F SN SW	, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm², Pitch: 5.08 mm, No. of poles: 21, 180°, Box
1944290000	BLZP 5.08/22F SN OR	, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm², Pitch: 5.08 mm, No. of poles: 22, 180°, Box
1944530000	BLZP 5.08/22F SN SW	, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm², Pitch: 5.08 mm, No. of poles: 22, 180°, Box

1944300000	BLZP 5.08/23F SN OR	, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm², Pitch: 5.08 mm, No. of poles: 23, 180°, Box
1944540000	BLZP 5.08/23F SN SW	, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm², Pitch: 5.08 mm, No. of poles: 23, 180°, Box
1944310000	BLZP 5.08/24F SN OR	, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm², Pitch: 5.08 mm, No. of poles: 24, 180°, Box
1944550000	BLZP 5.08/24F SN SW	, Female connectors, Clamping yoke connection, Clamping range, max.: 4 mm², Pitch: 5.08 mm, No. of poles: 24, 180°, Box