

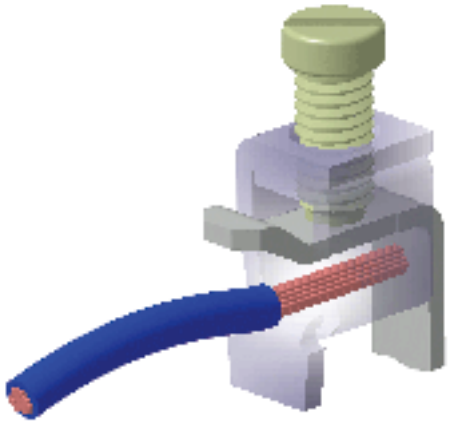

General ordering data	
Order No.	1943740000
Part designation	BLZP 5.08/18/180 SN OR BX
Version	PCB plug-in connector, Clamping yoke connection, Clamping range, max.: 4 mm², Pitch in mm: 5.08 mm, No. of poles: 18, 180°, Box
EAN	4032248617753
Qty.	18 pc(s).
Packaging	Box

System parameters	
Conductor connection system	Clamping yoke connection
Outgoing direction of conductor	180°
Pitch in mm	5.08 mm
Pitch in inch	0.2 inch
No. of poles	18
No. of rows	1
Screwdriver blade	0.6 x 3.5

System parameters	
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	86.36 mm
L1 in inch	3.4 inch
Electric shock protection to DIN VDE 57 106	Safe from finger touch

Material data	
Insulating material	PBT
Colour	Orange
Flammability class UL 94	V-0
CTI	>= 200
Contact material	Copper alloy
Contact surface	tinned
Contact base material	Copper alloy

Connectable conductors	
Clamping range, min.	0.13 mm²
Clamping range, max.	4 mm²
Conductor connection cross-section AWG, min.	AWG 26
Conductor connection cross-section AWG, max.	AWG 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
w. wire end ferrule, DIN 46228 pt 1, min	0.2 mm²
with wire end ferrule, DIN 46228 pt 1, max.	4 mm²
w. plastic collar ferrule, DIN 46228 pt 4, min.	0.2 mm²
with 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. of poles (Tu=20°C)	19 A
Rated current, max. No. of poles (Tu=20°C)	15.5 A
Rated current, no. of poles (Tu=40°C), min.	16 A
Rated current, no. of poles (Tu=40°C), max.	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 at overvoltage category/pollution degree 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

DIN IEC rating data	

CSA rating data	
Rated voltage (Use group B)	300 V
Rated current (use group B)	10 A
Rated voltage (Use group C)	50 V
Rated voltage (use group D)	300 V
Rated current (use group D)	10 A
Wire cross-section, AWG, min.	AWG 26
Wire cross-section, AWG, max.	AWG 12

UL 1059 rating data	
Rated voltage (use group B)	300 V
Rated current (use group B)	10 A
Rated voltage (use group C)	50 V
Rated voltage	300 V
Rated current	10 A
Wire cross-section, AWG, min.	AWG 26
Wire cross-section, AWG, max.	AWG 12

Approvals	
Approvals institutes	CURUS

Classifications	
eClass 6.0	27-26-07-08

Notes	
Notes	

Similar products

Order No.	Part designation	Version
1943580000	BLZP 5.08/02/180 SN OR BX	PCB plug-in connector, Clamping yoke connection, Clamping range, max.: 4 mm², Pitch in mm: 5.08 mm, No. of poles: 2, 180°, Box
1943590000	BLZP 5.08/03/180 SN OR BX	PCB plug-in connector, Clamping yoke connection, Clamping range, max.: 4 mm², Pitch in mm: 5.08 mm, No. of poles: 3, 180°, Box
1943600000	BLZP 5.08/04/180 SN OR BX	PCB plug-in connector, Clamping yoke connection, Clamping range, max.: 4 mm², Pitch in mm: 5.08 mm, No. of poles: 4, 180°, Box
1943610000	BLZP 5.08/05/180 SN OR BX	PCB plug-in connector, Clamping yoke connection, Clamping range, max.: 4 mm², Pitch in mm: 5.08 mm, No. of poles: 5, 180°, Box
1943620000	BLZP 5.08/06/180 SN OR BX	PCB plug-in connector, Clamping yoke connection, Clamping range, max.: 4 mm², Pitch in mm: 5.08 mm, No. of poles: 6, 180°, Box
1943630000	BLZP 5.08/07/180 SN OR BX	PCB plug-in connector, Clamping yoke connection, Clamping range, max.: 4 mm², Pitch in mm: 5.08 mm, No. of poles: 7, 180°, Box
1943640000	BLZP 5.08/08/180 SN OR BX	PCB plug-in connector, Clamping yoke connection, Clamping range, max.: 4 mm², Pitch in mm: 5.08 mm, No. of poles: 8, 180°, Box
1943650000	BLZP 5.08/09/180 SN OR BX	PCB plug-in connector, Clamping yoke connection, Clamping range, max.: 4 mm², Pitch in mm: 5.08 mm, No. of poles: 9, 180°, Box
1943660000	BLZP 5.08/10/180 SN OR BX	PCB plug-in connector, Clamping yoke connection, Clamping range, max.: 4 mm², Pitch in mm: 5.08 mm, No. of poles: 10, 180°, Box

1943670000	BLZP 5.08/11/180 SN OR BX	PCB plug-in connector, Clamping yoke connection, Clamping range, max.: 4 mm², Pitch in mm: 5.08 mm, No. of poles: 11, 180°, Box
1943680000	BLZP 5.08/12/180 SN OR BX	PCB plug-in connector, Clamping yoke connection, Clamping range, max.: 4 mm², Pitch in mm: 5.08 mm, No. of poles: 12, 180°, Box
1943690000	BLZP 5.08/13/180 SN OR BX	PCB plug-in connector, Clamping yoke connection, Clamping range, max.: 4 mm², Pitch in mm: 5.08 mm, No. of poles: 13, 180°, Box
1943700000	BLZP 5.08/14/180 SN OR BX	PCB plug-in connector, Clamping yoke connection, Clamping range, max.: 4 mm², Pitch in mm: 5.08 mm, No. of poles: 14, 180°, Box
1943710000	BLZP 5.08/15/180 SN OR BX	PCB plug-in connector, Clamping yoke connection, Clamping range, max.: 4 mm², Pitch in mm: 5.08 mm, No. of poles: 15, 180°, Box
1943720000	BLZP 5.08/16/180 SN OR BX	PCB plug-in connector, Clamping yoke connection, Clamping range, max.: 4 mm², Pitch in mm: 5.08 mm, No. of poles: 16, 180°, Box
1943730000	BLZP 5.08/17/180 SN OR BX	PCB plug-in connector, Clamping yoke connection, Clamping range, max.: 4 mm², Pitch in mm: 5.08 mm, No. of poles: 17, 180°, Box
1943750000	BLZP 5.08/19/180 SN OR BX	PCB plug-in connector, Clamping yoke connection, Clamping range, max.: 4 mm², Pitch in mm: 5.08 mm, No. of poles: 19, 180°, Box
1943760000	BLZP 5.08/20/180 SN OR BX	PCB plug-in connector, Clamping yoke connection, Clamping range, max.: 4 mm², Pitch in mm: 5.08 mm, No. of poles: 20, 180°, Box
1943770000	BLZP 5.08/21/180 SN OR BX	PCB plug-in connector, Clamping yoke connection, Clamping range, max.: 4 mm², Pitch in mm: 5.08 mm, No. of poles: 21, 180°, Box
1943780000	BLZP 5.08/22/180 SN OR BX	PCB plug-in connector, Clamping yoke connection, Clamping range, max.: 4 mm², Pitch in mm: 5.08 mm, No. of poles: 22, 180°, Box
1943790000	BLZP 5.08/23/180 SN OR BX	PCB plug-in connector, Clamping yoke connection, Clamping range, max.: 4 mm², Pitch in mm: 5.08 mm, No. of poles: 23, 180°, Box
1943800000	BLZP 5.08/24/180 SN OR BX	PCB plug-in connector, Clamping yoke connection, Clamping range, max.: 4 mm², Pitch in mm: 5.08 mm, No. of poles: 24, 180°, Box