



General ordering data	
Order No.	1946690000
Part designation	BLZP 5.08/15/225 SN BK BX
Version	PCB plug-in connector, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch in mm: 5.08 mm, No. of poles: 15, 225°, Box
EAN	4032248622467
Qty.	24 pc(s).
Packaging	Box
System parameters	
Conductor connection system	Clamping yoke connection
Outgoing direction of conductor	225°
Pitch in mm	5.08 mm
Pitch in inch	0.2 inch
No. of poles	15
No. of rows	1
Screwdriver blade	0.6 x 3.5
	Matches (10 and 20



System parametersSystem drawed biade standardDIN 5264Tightening torque, min.0.4 NmTightening torque, max.0.5 NmClamping screwM 2.5Stripping length7 mmL1 in mm71.12 mmL1 in nch2.8 inchElectric shock protection to DIN VDE 57 106Safe from finger touchMatch and the stripping length9BTColourblackInsulating materialPBTColourblackFlammability class UL 94V-0CTI>= 200Contact surfacetinnedContact surfacetinnedContact surfacetinnedContact surface0.13 mm²Conductor connection cross-section AWG, max.AWG 26Conductor connection cross-section AWG, max.AWG 12Solid, max. H05(07) V-U4 mm²Solid, min. H05(07) V-U4 mm²Flexible, min. H05(07) V-U0.2 mm²Solid, min. H05(07) V-K4 mm²Yu wire end ferrule, DIN 46228 pt 1, min0.2 mm²with wire end ferrule, DIN 46228 pt 4, max.2.5 mm²Gauge to EN 60999 a x b; ø2.8 mm x 2.4 mmDIN EC rating et al. No. of poles (Tu=20°C)14 ARated current, mo. No. of poles (Tu=20°C)14 ARated current, no. of poles (Tu=20°C)14 ARated current, no. of poles (Tu=20°C)12 ARated current, no. of poles (Tu=20°C)14 ARated current, no. of poles (Tu=20°C)14 ARated current, no. of poles (Tu=20°C)14 A <t< th=""></t<>
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Clamping range, min.0.13 mm²Clamping range, max.4 mm²Conductor connection cross-section AWG, min.AWG 26Conductor connection cross-section AWG, max.AWG 12Solid, min. H05(07) V-U0.2 mm²Solid, max. H05(07) V-U4 mm²Flexible, min. H05(07) V-K0.2 mm²Flexible, max. H05(07) V-K0.2 mm²with vire end ferrule, DIN 46228 pt 1, min0.2 mm²with vire end ferrule, DIN 46228 pt 1, max.4 mm²w. plastic collar ferrule, DIN 46228 pt 1, max.0.2 mm²with plastic collar ferrule, DIN 46228 pt 4, min.0.2 mm²Gauge to EN 60999 a x b; Ø2.8 mm x 2.4 mmDIN FEE rating dataRated current, min. No. of poles (Tu=20°C)Rated current, mo. of poles (Tu=20°C)17.5 ARated current, no. of poles (Tu=20°C)14 ARated current, no. of poles (Tu=40°C), max.12 ARated voltage for overvoltage class/pollution320 Vseverity II/2250 VRated voltage at overvoltage class/pollution250 VRated impulse withstand voltage for overvoltage4 kV
Clamping range, max.4 mm²Conductor connection cross-section AWG, min.AWG 26Conductor connection cross-section AWG, max.AWG 12Solid, min. H05(07) V-U0.2 mm²Solid, max. H05(07) V-U4 mm²Flexible, min. H05(07) V-K0.2 mm²Flexible, max. H05(07) V-K0.2 mm²Solid ferrule, DIN 46228 pt 1, min0.2 mm²with wire end ferrule, DIN 46228 pt 1, max.4 mm²with vire end ferrule, DIN 46228 pt 1, max.4 mm²with gastic collar ferrule, DIN 46228 pt 4, min.0.2 mm²Gauge to EN 60999 a x b; Ø2.8 mm x 2.4 mmDIN IEC rating dataRated current, min. No. of poles (Tu=20°C)Rated current, mo. of poles (Tu=20°C)17.5 ARated current, no. of poles (Tu=40°C), min.14 ARated current, no. of poles (Tu=40°C), max.12 ARated voltage for overvoltage class/pollution320 Vseverity II/2250 VRated voltage at overvoltage class/pollution250 VRated impulse withstand voltage for overvoltage4 kV
Conductor connection cross-section AWG, min.AWG 26Conductor connection cross-section AWG, max.AWG 12Solid, 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 0.2 mm^2 with wire end ferrule, DIN 46228 pt 1, min 0.2 mm^2 with wire end ferrule, DIN 46228 pt 1, max. 4 mm^2 w. plastic collar ferrule, DIN 46228 pt 4, min. 0.2 mm^2 with 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 dataRated current, min. No. of poles (Tu=20°C)Rated current, max. No. of poles (Tu=20°C)14 ARated current, no. of poles (Tu=40°C), min.14 ARated voltage for overvoltage class/pollution400 Vseverity II/2320 VRated voltage for overvoltage class/pollution320 Vseverity III/2320 VRated voltage at overvoltage category/pollution250 Vdegree III/3250 V
Conductor connection cross-section AWG, max.AWG 12Solid, 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 w. wire end ferrule, DIN 46228 pt 1, min 0.2 mm^2 with wire end ferrule, DIN 46228 pt 1, max. 4 mm^2 w. plastic collar ferrule, DIN 46228 pt 4, min. 0.2 mm^2 with plastic collar ferrule, DIN 46228 pt 4, max. 2.5 mm^2 Gauge to EN 60999 a x b; ø $2.8 \text{ mm x } 2.4 \text{ mm}$ DIN IEC rating dataRated current, min. No. of poles (Tu=20°C)Rated current, max. No. of poles (Tu=40°C), min.Rated current, no. of poles (Tu=40°C), max. 12 A Rated voltage for overvoltage class/pollution 400 V severity II/2 320 V Rated voltage for overvoltage class/pollution 320 V severity III/2 250 V Rated impulse withstand voltage for overvoltage 4 kV
Solid, min. H05(07) V-U 0.2 mm^2 Solid, max. H05(07) V-U4 mm²Flexible, min. H05(07) V-K 0.2 mm^2 Flexible, max. H05(07) V-K4 mm²w. wire end ferrule, DIN 46228 pt 1, min 0.2 mm^2 with wire end ferrule, DIN 46228 pt 1, max.4 mm²w. plastic collar ferrule, DIN 46228 pt 4, min. 0.2 mm^2 with plastic collar ferrule, DIN 46228 pt 4, max. 2.5 mm^2 Gauge to EN 60999 a x b; Ø $2.8 \text{ mm x } 2.4 \text{ mm}$ DIN IEC rating dataRated current, min. No. of poles (Tu=20°C)Rated current, max. No. of poles (Tu=20°C)17.5 ARated current, no. of poles (Tu=40°C), min.14 ARated current, no. of poles (Tu=40°C), max.12 ARated voltage for overvoltage class/pollution400 Vseverity II/2320 VRated voltage at overvoltage category/pollution250 VRated impulse withstand voltage for overvoltage for overvoltage category/pollution250 V
Solid, max. H05(07) V-U4 mm²Flexible, min. H05(07) V-K0.2 mm²Flexible, max. H05(07) V-K4 mm²w. wire end ferrule, DIN 46228 pt 1, min0.2 mm²with wire end ferrule, DIN 46228 pt 1, max.4 mm²w. plastic collar ferrule, DIN 46228 pt 4, min.0.2 mm²with plastic collar ferrule, DIN 46228 pt 4, max.2.5 mm²Gauge to EN 60999 a x b; Ø2.8 mm x 2.4 mmDIN IEC rating dataRated current, min. No. of poles (Tu=20°C)Rated current, max. No. of poles (Tu=20°C)17.5 ARated current, no. of poles (Tu=40°C), min.14 ARated current, no. of poles (Tu=40°C), max.12 ARated voltage for overvoltage class/pollution400 Vseverity II/2320 VRated voltage for overvoltage class/pollution320 Vseverity III/3250 VRated impulse withstand voltage for overvoltage class / pollution4 kV
Flexible, min. H05(07) V-K0.2 mm²Flexible, max. H05(07) V-K4 mm²w. wire end ferrule, DIN 46228 pt 1, min0.2 mm²with wire end ferrule, DIN 46228 pt 1, max.4 mm²w. plastic collar ferrule, DIN 46228 pt 4, min.0.2 mm²with plastic collar ferrule, DIN 46228 pt 4, max.2.5 mm²Gauge to EN 60999 a x b; Ø2.8 mm x 2.4 mmDIN IEC rating dataRated current, min. No. of poles (Tu=20°C)Rated current, max. No. of poles (Tu=20°C)14 ARated current, no. of poles (Tu=40°C), min.14 ARated current, no. of poles (Tu=40°C), max.12 ARated voltage for overvoltage class/pollution320 Vseverity II/2250 VRated voltage at overvoltage category/pollution250 VRated impulse withstand voltage for overvoltage4 kV
Flexible, max. H05(07) V-K4 mm²w. wire end ferrule, DIN 46228 pt 1, min0.2 mm²with wire end ferrule, DIN 46228 pt 1, max.4 mm²w. plastic collar ferrule, DIN 46228 pt 4, min.0.2 mm²with plastic collar ferrule, DIN 46228 pt 4, max.2.5 mm²Gauge to EN 60999 a x b; Ø2.8 mm x 2.4 mmDIN IEC rating dataRated current, min. No. of poles (Tu=20°C)Rated current, max. No. of poles (Tu=20°C)14 ARated current, no. of poles (Tu=40°C), min.14 ARated current, no. of poles (Tu=40°C), max.12 ARated voltage for overvoltage class/pollution320 Vseverity III/2320 VRated voltage at overvoltage category/pollution250 Vdegree III/3250 V
w. wire end ferrule, DIN 46228 pt 1, min0.2 mm²with wire end ferrule, DIN 46228 pt 1, max.4 mm²w. plastic collar ferrule, DIN 46228 pt 4, min.0.2 mm²with plastic collar ferrule, DIN 46228 pt 4, max.2.5 mm²Gauge to EN 60999 a x b; Ø2.8 mm x 2.4 mmDIN IEC rating dataRated current, min. No. of poles (Tu=20°C)Rated current, max. No. of poles (Tu=20°C)14 ARated current, no. of poles (Tu=40°C), min.14 ARated current, no. of poles (Tu=40°C), max.12 ARated voltage for overvoltage class/pollution320 Vseverity II/2320 VRated voltage at overvoltage class/pollution250 Vdegree III/3250 V
with wire end ferrule, DIN 46228 pt 1, max.4 mm²w. plastic collar ferrule, DIN 46228 pt 4, min.0.2 mm²with plastic collar ferrule, DIN 46228 pt 4, max.2.5 mm²Gauge to EN 60999 a x b; Ø2.8 mm x 2.4 mmDIN IEC rating dataRated current, min. No. of poles (Tu=20°C)Rated current, max. No. of poles (Tu=20°C)14 ARated current, no. of poles (Tu=40°C), min.14 ARated current, no. of poles (Tu=40°C), max.12 ARated voltage for overvoltage class/pollution320 Vseverity III/2320 VRated voltage at overvoltage category/pollution250 VRated impulse withstand voltage for overvoltage4 kV
w. plastic collar ferrule, DIN 46228 pt 4, min.0.2 mm²with plastic collar ferrule, DIN 46228 pt 4, max.2.5 mm²Gauge to EN 60999 a x b; ø2.8 mm x 2.4 mmDIN IEC rating dataRated current, min. No. of poles (Tu=20°C)17.5 ARated current, max. No. of poles (Tu=20°C)14 ARated current, no. of poles (Tu=40°C), min.14 ARated current, no. of poles (Tu=40°C), max.12 ARated voltage for overvoltage class/pollution320 Vseverity II/2320 VRated voltage at overvoltage category/pollution250 VRated impulse withstand voltage for overvoltage4 kV
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Gauge to EN 60999 a x b; ø2.8 mm x 2.4 mmDIN IEC rating data7.5 ARated current, min. No. of poles (Tu=20°C)17.5 ARated current, max. No. of poles (Tu=20°C)14 ARated current, no. of poles (Tu=40°C), min.14 ARated current, no. of poles (Tu=40°C), max.12 ARated voltage for overvoltage class/pollution400 Vseverity II/2320 VRated voltage at overvoltage category/pollution250 VRated impulse withstand voltage for overvoltage4 kV
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Rated current, min. No. of poles (Tu=20°C)17.5 ARated current, max. No. of poles (Tu=20°C)14 ARated current, no. of poles (Tu=40°C), min.14 ARated current, no. of poles (Tu=40°C), max.12 ARated voltage for overvoltage class/pollution severity II/2400 VRated voltage for overvoltage class/pollution severity III/2320 VRated voltage at overvoltage category/pollution degree III/3250 VRated impulse withstand voltage for overvoltage category/pollution degree III/3250 V
Rated current, min. No. of poles (Tu=20°C)17.5 ARated current, max. No. of poles (Tu=20°C)14 ARated current, no. of poles (Tu=40°C), min.14 ARated current, no. of poles (Tu=40°C), max.12 ARated voltage for overvoltage class/pollution severity II/2400 VRated voltage for overvoltage class/pollution severity III/2320 VRated voltage at overvoltage category/pollution degree III/3250 VRated impulse withstand voltage for overvoltage category/pollution degree III/3250 V
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Rated current, no. of poles (Tu=40°C), min.14 ARated current, no. of poles (Tu=40°C), max.12 ARated voltage for overvoltage class/pollution400 Vseverity II/2320 VRated voltage at overvoltage category/pollution320 VRated voltage at overvoltage category/pollution250 VRated impulse withstand voltage for overvoltage4 kV
Rated current, no. of poles (Tu=40°C), max.12 ARated voltage for overvoltage class/pollution severity II/2400 VRated voltage for overvoltage class/pollution severity III/2320 VRated voltage at overvoltage category/pollution degree III/3250 VRated impulse withstand voltage for overvoltage4 kV
Rated voltage for overvoltage class/pollution severity II/2400 VRated voltage for overvoltage class/pollution severity III/2320 VRated voltage at overvoltage category/pollution degree III/3250 VRated impulse withstand voltage for overvoltage4 kV
severity II/2 Rated voltage for overvoltage class/pollution 320 V severity III/2 Rated voltage at overvoltage category/pollution 250 V degree III/3 Rated impulse withstand voltage for overvoltage 4 kV
Rated voltage for overvoltage class/pollution 320 V severity III/2 250 V Rated voltage at overvoltage category/pollution 250 V degree III/3 4 kV
severity III/2 Rated voltage at overvoltage category/pollution 250 V degree III/3 Rated impulse withstand voltage for overvoltage 4 kV
Rated voltage at overvoltage category/pollution250 Vdegree III/3Rated impulse withstand voltage for overvoltage4 kV
degree III/3 Rated impulse withstand voltage for overvoltage 4 kV
Rated impulse withstand voltage for overvoltage 4 kV
class/pollution severity III/2
Rated impulse withstand voltage for overvoltage 4 kV
class/pollution severity III/3 Short-time withstand current resistance 3 x 1s with 120 A
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	

Notes

Similar products

Order No.		Version
1946250000	BLZP 5.08/02/225 SN OR BX	PCB plug-in connector, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch in mm: 5.08 mm, No. of poles: 2, 225°, Box
1946260000	BLZP 5.08/03/225 SN OR BX	PCB plug-in connector, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch in mm: 5.08 mm, No. of poles: 3, 225°, Box
1946270000	BLZP 5.08/04/225 SN OR BX	PCB plug-in connector, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch in mm: 5.08 mm, No. of poles: 4, 225°, Box
1946280000	BLZP 5.08/05/225 SN OR BX	PCB plug-in connector, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch in mm: 5.08 mm, No. of poles: 5, 225°, Box
1946290000	BLZP 5.08/06/225 SN OR BX	PCB plug-in connector, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch in mm: 5.08 mm, No. of poles: 6, 225°, Box
1946300000	BLZP 5.08/07/225 SN OR BX	PCB plug-in connector, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch in mm: 5.08 mm, No. of poles: 7, 225°, Box
1946310000	BLZP 5.08/08/225 SN OR BX	PCB plug-in connector, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch in mm: 5.08 mm, No. of poles: 8, 225°, Box
1946320000	BLZP 5.08/09/225 SN OR BX	PCB plug-in connector, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch in mm: 5.08 mm, No. of poles: 9, 225°, Box
1946330000	BLZP 5.08/10/225 SN OR BX	PCB plug-in connector, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch in mm: 5.08 mm, No. of poles: 10, 225°, Box



1946340000	BLZP 5.08/11/225 SN OR BX	PCB plug-in connector, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch in mm: 5.08 mm, No. of poles: 11, 225°, Box
1946350000	BLZP 5.08/12/225 SN OR BX	PCB plug-in connector, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch in mm: 5.08 mm, No. of poles: 12, 225°, Box
1946360000	BLZP 5.08/13/225 SN OR BX	PCB plug-in connector, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch in mm: 5.08 mm, No. of poles: 13, 225°, Box
1946370000	BLZP 5.08/14/225 SN OR BX	PCB plug-in connector, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch in mm: 5.08 mm, No. of poles: 14, 225°, Box
1946380000	BLZP 5.08/15/225 SN OR BX	PCB plug-in connector, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch in mm: 5.08 mm, No. of poles: 15, 225°, Box
1946390000	BLZP 5.08/16/225 SN OR BX	PCB plug-in connector, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch in mm: 5.08 mm, No. of poles: 16, 225°, Box
1946400000	BLZP 5.08/17/225 SN OR BX	PCB plug-in connector, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch in mm: 5.08 mm, No. of poles: 17, 225°, Box
1946410000	BLZP 5.08/18/225 SN OR BX	PCB plug-in connector, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch in mm: 5.08 mm, No. of poles: 18, 225°, Box
1946420000	BLZP 5.08/19/225 SN OR BX	PCB plug-in connector, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch in mm: 5.08 mm, No. of poles: 19, 225°, Box
1946430000	BLZP 5.08/20/225 SN OR BX	PCB plug-in connector, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch in mm: 5.08 mm, No. of poles: 20, 225°, Box
1946440000	BLZP 5.08/21/225 SN OR BX	PCB plug-in connector, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch in mm: 5.08 mm, No. of poles: 21, 225°, Box
1946450000	BLZP 5.08/22/225 SN OR BX	PCB plug-in connector, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch in mm: 5.08 mm, No. of poles: 22, 225°, Box
1946460000	BLZP 5.08/23/225 SN OR BX	PCB plug-in connector, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch in mm: 5.08 mm, No. of poles: 23, 225°, Box
1946480000	BLZP 5.08/24/225 SN OR BX	PCB plug-in connector, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch in mm: 5.08 mm, No. of poles: 24, 225°, Box

