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Tel: +86-755-8981 8866 Fax: +86-755-8427 6832 Email & Skype: info@chipsmall.com Web: www.chipsmall.com Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China





Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 16 D-32758 Detmold Germany Fon: +49 5231 14-0 Fax: +49 5231 14-2083 www.weidmueller.com



Socket connectors with clamping yoke screw connection for conductor connection with a right-angle (90° or 270°) outlet direction. The female connectors provide space for labelling and can be coded. Can be fastened with flange or release latch. They feature an integrated plus/minus screw, protection against false insertion under clamping yoke. They are delivered with an opened clamping yoke.

- 0.2-2.5 mm2 (IEC) / 26-12 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 15 A (IEC) / 10 A (UL)

General ordering data

Order No.	<u>1948240000</u>
Part designation	BLZP 5.08/02/90 SN BK BX
Version	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 2, 90°, Clamping yoke connection, Clamping range, max.: 4 mm², Box
GTIN (EAN)	4032248624768
Qty.	180 pc(s).
Packaging	Box

Technical data

System parameters

Conductor connection system	Clamping yoke connection	Outgoing direction of conductor	90°
Pitch in mm	5.08 mm	Pitch in inch	0.2 inch
No. of poles	2	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	5.08 mm	L1 in inch	0.2 inch
Electric shock protection to DIN VDE	57 106 Safe from finger touch		

Material data

Insulating material	PBT	Colour	black
colour chart	Similar to RAL 9011	Flammability class UL 94	V-0
СТІ	≥ 200	Contact material	Copper alloy
Contact surface		Highest continous operating tempe	rature,
	tinned	min.	-25 °C
Highest continous operating tem	iperature,		
max.	100 °C		

Connectable conductors

Clamping range, min.	0.13 mm²	Clamping range, max.	4 mm²	
Conductor connection cross-section AWG,		Conductor connection cross-section AWG,		
min.	AWG 26	max.	AWG 12	
Solid, min. H05(07) V-U	0.2 mm ²	Solid, max. H05(07) V-U	4 mm²	
Flexible, min. H05(07) V-K	0.2 mm ²	Flexible, max. H05(07) V-K	4 mm²	
w. wire end ferrule, DIN 46228 pt 1, min	0.2 mm ²	with wire end ferrule, DIN 46228 pt 1, max.	4 mm²	
w. plastic collar ferrule, DIN 46228 pt 4, min.		with plastic collar ferrule, DIN 46228 pt 4,		
	0.2 mm²	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) 15.5 A	Rated current, max. No. of poles (Tu=20°	°C) 13 A
Rated current, no. of poles (Tu=40°C), min. 12 A		Rated current, no. of poles (Tu=40°C), max. 10.5 A	
Rated voltage for overvoltage class/polluti severity II/2	on 400 V	Rated voltage for overvoltage class/pollur severity III/2	tion 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		

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 (use group D)	300 V	
Wire cross-section, AWG, min.	AWG 26	Wire cross-section, AWG, max.	AWG 12	

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Technical data

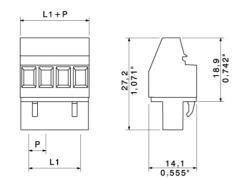
Classifications eClass 6.0 27-26-07-08 Notes



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Drawings





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