Order No.1741790000Part designationBLZ 5.08/17/225 SN ORVersionPCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.31 mm², Pitch: 5.08 mm, No. of poles: 17, 225°, BoxEAN4008190085650Qty.18 pc(s).System parametersConductor connection systemOutgoing direction of conductor225°Pitch5.08 mmPitch in inch0.2 inchNo. of poles17No. of poles17Screwdriver blade0.6 x 3.5Screwdriver blade standardDIN 5264Tightening torque, min.0.4 NmTightening torque, max.0.5 NmClamping screwM 2.5Stripping length8 mmL1 in mm81.28 mmL1 in inch3.2 inchElectric shock protection to DIN VDE 0470Safe from finger touch		$\begin{array}{c} L_{1+P} \\ \hline \\ \\ \\ \hline \\ \\ \\ \\ \hline \\$
Part designationBLZ 5.08/17/225 SN ORVersionPCB plug-in connector, Female connectors, Clamping range, max.: 3.31 mm², Pitch: 5.08 mm, No. of poles: 17, 225°, BoxEAN4008190085650Qty.18 pc(s).System parametersClamping yoke connectionConductor connection systemClamping yoke connectionOutgoing direction of conductor225°Pitch5.08 mmPitch inch0.2 inchNo. of poles17No. of poles17Screwdriver blade0.6 x 3.5Screwdriver blade0.5 NmClamping screwM 2.5Stripping length8 mmL1 in inch3.2 inchL1 in inch3.2 inchClamping screwM 2.5Stripping length8 mmL1 in inch3.2 inchElectric shock protection to DIN VDE 0470Safe from finger touchMatorial dataPBTColourorangecolour chartSimilar to RAL 2000Insulating material groupIIlaFlammability class UL 94V-0Colu>=200	General ordering data	
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System parameters     Conductor connection system   Clamping yoke connection     Outgoing direction of conductor   225°     Pitch   5.08 mm     Pitch in inch   0.2 inch     No. of poles   17     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   8 mm     L1 in inch   3.2 inch     Electric shock protection to DIN VDE 0470   Safe from finger touch     Material     Material data   Similar to RAL 2000     Insulating material group   Illa     Flammability class UL 94   V-0     CTI   >= 200	EAN	4008190085650
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Insulating material groupIIIaFlammability class UL 94V-0CTI>= 200		
Flammability class UL 94 V-0   CTI >= 200		
CTI >= 200		
Contact base material Copper alloy		
	Contact base material	Copper alloy



Material data	
Contact surface	tinned
Contact Surface	
Connectable conductors	
Clamping range, min.	0.13 mm <sup>2</sup>
Clamping range, max.	3.31 mm <sup>2</sup>
AWG, min.	26
AWG, max.	12
Solid, min. H05(07) V-U	0.2 mm <sup>2</sup>
Solid, max. H05(07) V-U	2.5 mm <sup>2</sup>
Flexible, min. H05(07) V-K	0.2 mm <sup>2</sup>
Flexible, max. H05(07) V-K	2.5 mm <sup>2</sup>
With wire end ferrule, acc. to DIN 46 228/1, min.	0.2 mm <sup>2</sup>
With wire end ferrule, acc. to DIN 46 228/1, max.	2.5 mm <sup>2</sup>
w. plastic collar ferrule, DIN 46228 pt 4, min.	0.2 mm <sup>2</sup>
w. plastic collar ferrule, DIN 46228 pt 4, max.	1.5 mm <sup>2</sup>
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)	16.5 A
Rated current, max. No. pins (Tu=20°C)	12.5 A
Rated current, min. No. pins(Tu=40°C)	14 A
Rated current, max. No. pins (Tu=40°C)	11 A
Rated voltage for overvoltage class/pollution	400 V
severity II/2	
Rated voltage for overvoltage class/pollution	320 V
severity III/2	
Rated voltage for overvoltage class/pollution	250 V
severity III/3	
Rated impulse withstand voltage for overvoltage	4 kV
class/pollution severity II/2	
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 100 A
CSA rating data	
CSA rating data 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
Awe conductor (new winny), max.	12
UL 1059 rating data	
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



ETIM 2.0	NK
ETIM 3.0	EC001284
eClass 4.1	27-26-07-01
eClass 5.0	27-26-07-01
eClass 5.1	27-26-07-04

## Similar products

1741640000	BLZ 5.08/2/225 SN OR	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.31 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 2, 225°, Box
1741870000	BLZ 5.08/2/225 SN SW	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.31 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 2, 225°, Box
1741650000	BLZ 5.08/3/225 SN OR	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.31 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 3, 225°, Box
1741880000	BLZ 5.08/3/225 SN SW	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.31 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 3, 225°, Box
1741660000	BLZ 5.08/4/225 SN OR	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.31 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 4, 225°, Box
1741890000	BLZ 5.08/4/225 SN SW	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.31 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 4, 225°, Box
1741670000	BLZ 5.08/5/225 SN OR	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.31 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 5, 225°, Box
1741900000	BLZ 5.08/5/225 SN SW	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.31 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 5, 225°, Box
1741680000	BLZ 5.08/6/225 SN OR	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.31 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 6, 225°, Box
1741910000	BLZ 5.08/6/225 SN SW	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.31 mm², Pitch: 5.08 mm, No. of poles: 6, 225°, Box
1741690000	BLZ 5.08/7/225 SN OR	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.31 mm², Pitch: 5.08 mm, No. of poles: 7, 225°, Box



	1741920000	BLZ 5.08/7/225 SN SW	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.31 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 7, 225°, Box
	1741700000	BLZ 5.08/8/225 SN OR	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.31 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 8, 225°, Box
	1741930000	BLZ 5.08/8/225 SN SW	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.31 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 8, 225°, Box
	1741710000	BLZ 5.08/9/225 SN OR	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.31 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 9, 225°, Box
	1741940000	BLZ 5.08/9/225 SN SW	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.31 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 9, 225°, Box
	1741720000	BLZ 5.08/10/225 SN OR	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.31 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 10, 225°, Box
	1741950000	BLZ 5.08/10/225 SN SW	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.31 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 10, 225°, Box
	1741730000	BLZ 5.08/11/225 SN OR	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.31 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 11, 225°, Box
	1741960000	BLZ 5.08/11/225 SN SW	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.31 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 11, 225°, Box
	1741740000	BLZ 5.08/12/225 SN OR	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.31 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 12, 225°, Box
	1741970000	BLZ 5.08/12/225 SN SW	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.31 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 12, 225°, Box
	1741750000	BLZ 5.08/13/225 SN OR	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.31 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 13, 225°, Box
	1741980000	BLZ 5.08/13/225 SN SW	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.31 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 13, 225°, Box
	1741760000	BLZ 5.08/14/225 SN OR	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.31 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 14, 225°, Box
	1741990000	BLZ 5.08/14/225 SN SW	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.31 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 14, 225°, Box
	1741770000	BLZ 5.08/15/225 SN OR	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.31 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 15, 225°, Box
	1742000000	BLZ 5.08/15/225 SN SW	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.31 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 15, 225°, Box



1741780000	BLZ 5.08/16/225 SN OR	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.31 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 16, 225°, Box
1742010000	BLZ 5.08/16/225 SN SW	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.31 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 16, 225°, Box
1742020000	BLZ 5.08/17/225 SN SW	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.31 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 17, 225°, Box
1741800000	BLZ 5.08/18/225 SN OR	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.31 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 18, 225°, Box
1742030000	BLZ 5.08/18/225 SN SW	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.31 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 18, 225°, Box
1741810000	BLZ 5.08/19/225 SN OR	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.31 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 19, 225°, Box
1742040000	BLZ 5.08/19/225 SN SW	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.31 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 19, 225°, Box
1741820000	BLZ 5.08/20/225 SN OR	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.31 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 20, 225°, Box
1742050000	BLZ 5.08/20/225 SN SW	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.31 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 20, 225°, Box
1741830000	BLZ 5.08/21/225 SN OR	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.31 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 21, 225°, Box
1742060000	BLZ 5.08/21/225 SN SW	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.31 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 21, 225°, Box
1741840000	BLZ 5.08/22/225 SN OR	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.31 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 22, 225°, Box
1742070000	BLZ 5.08/22/225 SN SW	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.31 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 22, 225°, Box
1741850000	BLZ 5.08/23/225 SN OR	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.31 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 23, 225°, Box
1742080000	BLZ 5.08/23/225 SN SW	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.31 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 23, 225°, Box
1741860000	BLZ 5.08/24/225 SN OR	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.31 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 24, 225°, Box
1742090000	BLZ 5.08/24/225 SN SW	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.31 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 24, 225°, Box

