	$\begin{array}{c} L_{1+P} \\ \hline $
General ordering data	
Order No.	1741930000
Part designation	BLZ 5.08/8/225 SN SW
Version	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.31 mm ² , Pitch: 5.08 mm, No. of poles: 8, 225°, Box
EAN	4008190272876
Qty.	42 pc(s).
System parameters Conductor connection system Outgoing direction of conductor Pitch Pitch in inch No. of poles No. of rows Screwdriver blade Screwdriver blade standard Tightening torque, min. Tightening torque, max. Clamping screw Stripping length L1 in mm L1 in inch Electric shock protection to DIN VDE 0470	Clamping yoke connection 225° 5.08 mm 0.2 inch 8 1 0.6 x 3.5 DIN 5264 0.4 Nm 0.5 Nm M 2.5 8 mm 35.56 mm 1.4 inch Safe from finger touch
Material data Insulating material Colour colour chart Insulating material group Flammability class UL 94 CTI Contact base material	PBT black Similar to RAL 9011 Illa V-0 >= 200 Copper alloy



Material data	
Contact surface	tinned
Contact Surface	
Connectable conductors	
Clamping range, min.	0.13 mm ²
Clamping range, max.	3.31 mm ²
AWG, min.	26
AWG, max.	12
Solid, min. H05(07) V-U	0.2 mm ²
Solid, max. H05(07) V-U	2.5 mm ²
Flexible, min. H05(07) V-K	0.2 mm ²
Flexible, max. H05(07) V-K	2.5 mm ²
With wire end ferrule, acc. to DIN 46 228/1, min.	0.2 mm ²
With wire end ferrule, acc. to DIN 46 228/1, max.	2.5 mm ²
w. plastic collar ferrule, DIN 46228 pt 4, min.	0.2 mm ²
w. plastic collar ferrule, DIN 46228 pt 4, max.	1.5 mm ²
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 ² , 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 ² , 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 ² , 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 ² , 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 ² , 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 ² , 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 ² , 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 ² , 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 ² , 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 ² , 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 ² , 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 ² , 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 ² , 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 ² , 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 ² , 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 ² , 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 ² , 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 ² , 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 ² , 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 ² , 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 ² , 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 ² , 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 ² , 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 ² , 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 ² , 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 ² , 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 ² , Pitch: 5.08 mm, No. of poles: 16, 225°, Box
1741790000	BLZ 5.08/17/225 SN OR	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.31 mm ² , Pitch: 5.08 mm, No. of poles: 17, 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 ² , 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 ² , 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 ² , 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 ² , 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 ² , 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 ² , 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 ² , 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 ² , 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 ² , 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 ² , 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 ² , 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 ² , 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 ² , 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 ² , 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 ² , Pitch: 5.08 mm, No. of poles: 24, 225°, Box

