







Order No.	1712150000
Part designation	BLC 5.08/6BR SW
Version	PCB plug-in connector, Female connectors, Crimp connection, Clamping range, max.: 2.5 mm², Pitch: 5.08 mm, No. of poles: 6, 180°, Box
EAN	4008190935160
Oh.,	FO = = (=)

Qty. 50 pc(s).

System parameters	
Conductor connection system	Crimp connection
Outgoing direction of conductor	180°
Pitch	5.08 mm
Pitch in inch	0.2 inch
No. of poles	6
No. of rows	1
Stripping length	5 mm
L1 in mm	25.4 mm
L1 in inch	1 inch
Electric shock protection to DIN VDE 0470	Safe from finger touch

Material data	
Insulating material	PBT GF
Colour	black



Material data	
colour chart	Similar to RAL 9011
Insulating material group	Illa
Flammability class UL 94	V-0
Contact base material	Copper alloy
Contact surface	tinned
Oontact surface	unica
Connectable conductors	
Clamping range, min.	0.22 mm <sup>2</sup>
Clamping range, max.	2.5 mm <sup>2</sup>
AWG, min.	24
AWG, max.	14
Flexible, min. H05(07) V-K	0.5 mm <sup>2</sup>
Flexible, max. H05(07) V-K	2.5 mm <sup>2</sup>
DIN IEC rating data	
Rated current, min. No. pins (Tu=20°C)	21 A
Rated current, max. No. pins (Tu=20°C)	14.5 A
Rated current, min. No. pins(Tu=40°C)	18 A
Rated current, max. No. pins (Tu=40°C)	12.5 A
Rated voltage for overvoltage class/pollution	400 V
severity II/2 Rated voltage for overvoltage class/pollution	320 V
severity III/2	520 V
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 class/pollution severity III/2	4 kV
Rated impulse withstand voltage for overvoltage	4 kV
class/pollution severity III/3	TRV
Short-time withstand current resistance	3 x 1s with 120 A
CSA rating data	000.14
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.	14
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.	14

Approvals

Approvals institutes





## **Approvals**

Classifications		
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

Order No.		
1649370000	BLC 5.08/2BR OR	PCB plug-in connector, Female connectors, Crimp connection, Clamping range, max.: 2.5 mm², Pitch: 5.08 mm, No. of poles: 2, 180°, Box
1712110000	BLC 5.08/2BR SW	PCB plug-in connector, Female connectors, Crimp connection, Clamping range, max.: 2.5 mm², Pitch: 5.08 mm, No. of poles: 2, 180°, Box
1649380000	BLC 5.08/3BR OR	PCB plug-in connector, Female connectors, Crimp connection, Clamping range, max.: 2.5 mm², Pitch: 5.08 mm, No. of poles: 3, 180°, Box
1712120000	BLC 5.08/3BR SW	PCB plug-in connector, Female connectors, Crimp connection, Clamping range, max.: 2.5 mm², Pitch: 5.08 mm, No. of poles: 3, 180°, Box
1649390000	BLC 5.08/4BR OR	PCB plug-in connector, Female connectors, Crimp connection, Clamping range, max.: 2.5 mm², Pitch: 5.08 mm, No. of poles: 4, 180°, Box
1712130000	BLC 5.08/4BR SW	PCB plug-in connector, Female connectors, Crimp connection, Clamping range, max.: 2.5 mm², Pitch: 5.08 mm, No. of poles: 4, 180°, Box
1649400000	BLC 5.08/5BR OR	PCB plug-in connector, Female connectors, Crimp connection, Clamping range, max.: 2.5 mm², Pitch: 5.08 mm, No. of poles: 5, 180°, Box
1712140000	BLC 5.08/5BR SW	PCB plug-in connector, Female connectors, Crimp connection, Clamping range, max.: 2.5 mm², Pitch: 5.08 mm, No. of poles: 5, 180°, Box
1649410000	BLC 5.08/6BR OR	PCB plug-in connector, Female connectors, Crimp connection, Clamping range, max.: 2.5 mm², Pitch: 5.08 mm, No. of poles: 6, 180°, Box
1649420000	BLC 5.08/7BR OR	PCB plug-in connector, Female connectors, Crimp connection, Clamping range, max.: 2.5 mm², Pitch: 5.08 mm, No. of poles: 7, 180°, Box
1712160000	BLC 5.08/7BR SW	PCB plug-in connector, Female connectors, Crimp connection, Clamping range, max.: 2.5 mm², Pitch: 5.08 mm, No. of poles: 7, 180°, Box
1649430000	BLC 5.08/8BR OR	PCB plug-in connector, Female connectors, Crimp connection, Clamping range, max.: 2.5 mm², Pitch: 5.08 mm, No. of poles: 8, 180°, Box



1712170000	BLC 5.08/8BR SW	PCB plug-in connector, Female connectors, Crimp connection, Clamping range, max.: 2.5 mm², Pitch: 5.08 mm, No. of poles: 8, 180°, Box
1649440000	BLC 5.08/9BR OR	PCB plug-in connector, Female connectors, Crimp connection, Clamping range, max.: 2.5 mm², Pitch: 5.08 mm, No. of poles: 9, 180°, Box
1712180000	BLC 5.08/9BR SW	PCB plug-in connector, Female connectors, Crimp connection, Clamping range, max.: 2.5 mm², Pitch: 5.08 mm, No. of poles: 9, 180°, Box
1649450000	BLC 5.08/10BR OR	PCB plug-in connector, Female connectors, Crimp connection, Clamping range, max.: 2.5 mm², Pitch: 5.08 mm, No. of poles: 10, 180°, Box
1712190000	BLC 5.08/10BR SW	PCB plug-in connector, Female connectors, Crimp connection, Clamping range, max.: 2.5 mm², Pitch: 5.08 mm, No. of poles: 10, 180°, Box
1649460000	BLC 5.08/11BR OR	PCB plug-in connector, Female connectors, Crimp connection, Clamping range, max.: 2.5 mm², Pitch: 5.08 mm, No. of poles: 11, 180°, Box
1712200000	BLC 5.08/11BR SW	PCB plug-in connector, Female connectors, Crimp connection, Clamping range, max.: 2.5 mm², Pitch: 5.08 mm, No. of poles: 11, 180°, Box
1649470000	BLC 5.08/12BR OR	PCB plug-in connector, Female connectors, Crimp connection, Clamping range, max.: 2.5 mm², Pitch: 5.08 mm, No. of poles: 12, 180°, Box
1712210000	BLC 5.08/12BR SW	PCB plug-in connector, Female connectors, Crimp connection, Clamping range, max.: 2.5 mm², Pitch: 5.08 mm, No. of poles: 12, 180°, Box
1649480000	BLC 5.08/13BR OR	PCB plug-in connector, Female connectors, Crimp connection, Clamping range, max.: 2.5 mm², Pitch: 5.08 mm, No. of poles: 13, 180°, Box
1712220000	BLC 5.08/13BR SW	PCB plug-in connector, Female connectors, Crimp connection, Clamping range, max.: 2.5 mm², Pitch: 5.08 mm, No. of poles: 13, 180°, Box
1649490000	BLC 5.08/14BR OR	PCB plug-in connector, Female connectors, Crimp connection, Clamping range, max.: 2.5 mm², Pitch: 5.08 mm, No. of poles: 14, 180°, Box
1712230000	BLC 5.08/14BR SW	PCB plug-in connector, Female connectors, Crimp connection, Clamping range, max.: 2.5 mm², Pitch: 5.08 mm, No. of poles: 14, 180°, Box
1649500000	BLC 5.08/15BR OR	PCB plug-in connector, Female connectors, Crimp connection, Clamping range, max.: 2.5 mm², Pitch: 5.08 mm, No. of poles: 15, 180°, Box
1712240000	BLC 5.08/15BR SW	PCB plug-in connector, Female connectors, Crimp connection, Clamping range, max.: 2.5 mm², Pitch: 5.08 mm, No. of poles: 15, 180°, Box
1649510000	BLC 5.08/16BR OR	PCB plug-in connector, Female connectors, Crimp connection, Clamping range, max.: 2.5 mm², Pitch: 5.08 mm, No. of poles: 16, 180°, Box
1712250000	BLC 5.08/16BR SW	PCB plug-in connector, Female connectors, Crimp connection, Clamping range, max.: 2.5 mm², Pitch: 5.08 mm, No. of poles: 16, 180°, Box

