



General ordering data

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| Order No. | 1716420000 |
| Part designation | BL 5.08/12 SN OR |
| Version | PCB plug-in connector, Female connectors, Leaf spring connection, Clamping range, max.: 2.08 mm ² , Pitch: 5.08 mm, No. of poles: 12, 180°, Box |
| EAN | 4008190376468 |
| Qty. | 50 pc(s). |

System parameters

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|---|------------------------|
| Conductor connection system | Leaf spring connection |
| Outgoing direction of conductor | 180° |
| Pitch | 5.08 mm |
| Pitch in inch | 0.2 inch |
| No. of poles | 12 |
| 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 | 6 mm |
| L1 in mm | 55.88 mm |
| L1 in inch | 2.2 inch |
| Electric shock protection to DIN VDE 0470 | IP 00 |

Material data

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|---------------------------|---------------------|
| Insulating material | PA |
| Colour | orange |
| colour chart | Similar to RAL 2000 |
| Insulating material group | I |
| Flammability class UL 94 | V-2 |
| CTI | >= 200 |
| Contact base material | CuSn |
| Contact surface | tinned |

Material data

Connectable conductors

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|---|----------------------|
| Clamping range, min. | 0.13 mm ² |
| Clamping range, max. | 2.08 mm ² |
| AWG, min. | 26 |
| AWG, max. | 14 |
| Solid, min. H05(07) V-U | 0.2 mm ² |
| Solid, max. H05(07) V-U | 1.5 mm ² |
| Flexible, min. H05(07) V-K | 0.2 mm ² |
| Flexible, max. H05(07) V-K | 1.5 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. | 1.5 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 mm ² |
| Gauge to EN 60999 a x b; ø | 2.4 mm x 1.5 mm; |

DIN IEC rating data

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| Rated current, min. No. pins (Tu=20°C) | 14 A |
| Rated current, max. No. pins (Tu=20°C) | 12 A |
| Rated current, min. No. pins (Tu=40°C) | 12 A |
| Rated current, max. No. pins (Tu=40°C) | 10 A |
| Rated voltage for overvoltage class/pollution severity II/2 | 400 V |
| Rated voltage for overvoltage class/pollution severity III/2 | 320 V |
| Rated voltage for overvoltage class/pollution severity 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 |

CSA rating data

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|------------------------------------|-------|
| 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

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|-----------------------------|-------|
| 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



Classifications

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|------------|-------------|
| 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. | Part designation | Version |
|------------|------------------|---|
| 1716320000 | BL 5.08/2 SN OR | PCB plug-in connector, Female connectors, Leaf spring connection, Clamping range, max.: 2.08 mm ² , Pitch: 5.08 mm, No. of poles: 2, 180°, Box |
| 1716470000 | BL 5.08/2 SN SW | PCB plug-in connector, Female connectors, Leaf spring connection, Clamping range, max.: 2.08 mm ² , Pitch: 5.08 mm, No. of poles: 2, 180°, Box |
| 1723830000 | BL 5.08/2 SN GN | PCB plug-in connector, Female connectors, Leaf spring connection, Clamping range, max.: 2.08 mm ² , Pitch: 5.08 mm, No. of poles: 2, 180°, Box |
| 1716330000 | BL 5.08/3 SN OR | PCB plug-in connector, Female connectors, Leaf spring connection, Clamping range, max.: 2.08 mm ² , Pitch: 5.08 mm, No. of poles: 3, 180°, Box |
| 1716480000 | BL 5.08/3 SN SW | PCB plug-in connector, Female connectors, Leaf spring connection, Clamping range, max.: 2.08 mm ² , Pitch: 5.08 mm, No. of poles: 3, 180°, Box |
| 1723840000 | BL 5.08/3 SN GN | PCB plug-in connector, Female connectors, Leaf spring connection, Clamping range, max.: 2.08 mm ² , Pitch: 5.08 mm, No. of poles: 3, 180°, Box |
| 1716340000 | BL 5.08/4 SN OR | PCB plug-in connector, Female connectors, Leaf spring connection, Clamping range, max.: 2.08 mm ² , Pitch: 5.08 mm, No. of poles: 4, 180°, Box |
| 1716490000 | BL 5.08/4 SN SW | PCB plug-in connector, Female connectors, Leaf spring connection, Clamping range, max.: 2.08 mm ² , Pitch: 5.08 mm, No. of poles: 4, 180°, Box |
| 1723850000 | BL 5.08/4 SN GN | PCB plug-in connector, Female connectors, Leaf spring connection, Clamping range, max.: 2.08 mm ² , Pitch: 5.08 mm, No. of poles: 4, 180°, Box |

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| 1716350000 | BL 5.08/5 SN OR | PCB plug-in connector, Female connectors, Leaf spring connection, Clamping range, max.: 2.08 mm ² , Pitch: 5.08 mm, No. of poles: 5, 180°, Box |
| 1716500000 | BL 5.08/5 SN SW | PCB plug-in connector, Female connectors, Leaf spring connection, Clamping range, max.: 2.08 mm ² , Pitch: 5.08 mm, No. of poles: 5, 180°, Box |
| 1723860000 | BL 5.08/5 SN GN | PCB plug-in connector, Female connectors, Leaf spring connection, Clamping range, max.: 2.08 mm ² , Pitch: 5.08 mm, No. of poles: 5, 180°, Box |
| 1716360000 | BL 5.08/6 SN OR | PCB plug-in connector, Female connectors, Leaf spring connection, Clamping range, max.: 2.08 mm ² , Pitch: 5.08 mm, No. of poles: 6, 180°, Box |
| 1716510000 | BL 5.08/6 SN SW | PCB plug-in connector, Female connectors, Leaf spring connection, Clamping range, max.: 2.08 mm ² , Pitch: 5.08 mm, No. of poles: 6, 180°, Box |
| 1723870000 | BL 5.08/6 SN GN | PCB plug-in connector, Female connectors, Leaf spring connection, Clamping range, max.: 2.08 mm ² , Pitch: 5.08 mm, No. of poles: 6, 180°, Box |
| 1716370000 | BL 5.08/7 SN OR | PCB plug-in connector, Female connectors, Leaf spring connection, Clamping range, max.: 2.08 mm ² , Pitch: 5.08 mm, No. of poles: 7, 180°, Box |
| 1716520000 | BL 5.08/7 SN SW | PCB plug-in connector, Female connectors, Leaf spring connection, Clamping range, max.: 2.08 mm ² , Pitch: 5.08 mm, No. of poles: 7, 180°, Box |
| 1723880000 | BL 5.08/7 SN GN | PCB plug-in connector, Female connectors, Leaf spring connection, Clamping range, max.: 2.08 mm ² , Pitch: 5.08 mm, No. of poles: 7, 180°, Box |
| 1716380000 | BL 5.08/8 SN OR | PCB plug-in connector, Female connectors, Leaf spring connection, Clamping range, max.: 2.08 mm ² , Pitch: 5.08 mm, No. of poles: 8, 180°, Box |
| 1716530000 | BL 5.08/8 SN SW | PCB plug-in connector, Female connectors, Leaf spring connection, Clamping range, max.: 2.08 mm ² , Pitch: 5.08 mm, No. of poles: 8, 180°, Box |
| 1723890000 | BL 5.08/8 SN GN | PCB plug-in connector, Female connectors, Leaf spring connection, Clamping range, max.: 2.08 mm ² , Pitch: 5.08 mm, No. of poles: 8, 180°, Box |
| 1716390000 | BL 5.08/9 SN OR | PCB plug-in connector, Female connectors, Leaf spring connection, Clamping range, max.: 2.08 mm ² , Pitch: 5.08 mm, No. of poles: 9, 180°, Box |
| 1716540000 | BL 5.08/9 SN SW | PCB plug-in connector, Female connectors, Leaf spring connection, Clamping range, max.: 2.08 mm ² , Pitch: 5.08 mm, No. of poles: 9, 180°, Box |
| 1723900000 | BL 5.08/9 SN GN | PCB plug-in connector, Female connectors, Leaf spring connection, Clamping range, max.: 2.08 mm ² , Pitch: 5.08 mm, No. of poles: 9, 180°, Box |
| 1716400000 | BL 5.08/10 SN OR | PCB plug-in connector, Female connectors, Leaf spring connection, Clamping range, max.: 2.08 mm ² , Pitch: 5.08 mm, No. of poles: 10, 180°, Box |
| 1716550000 | BL 5.08/10 SN SW | PCB plug-in connector, Female connectors, Leaf spring connection, Clamping range, max.: 2.08 mm ² , Pitch: 5.08 mm, No. of poles: 10, 180°, Box |

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| 1723910000 | BL 5.08/10 SN GN | PCB plug-in connector, Female connectors, Leaf spring connection, Clamping range, max.: 2.08 mm ² , Pitch: 5.08 mm, No. of poles: 10, 180°, Box |
| 1716410000 | BL 5.08/11 SN OR | PCB plug-in connector, Female connectors, Leaf spring connection, Clamping range, max.: 2.08 mm ² , Pitch: 5.08 mm, No. of poles: 11, 180°, Box |
| 1716560000 | BL 5.08/11 SN SW | PCB plug-in connector, Female connectors, Leaf spring connection, Clamping range, max.: 2.08 mm ² , Pitch: 5.08 mm, No. of poles: 11, 180°, Box |
| 1716570000 | BL 5.08/12 SN SW | PCB plug-in connector, Female connectors, Leaf spring connection, Clamping range, max.: 2.08 mm ² , Pitch: 5.08 mm, No. of poles: 12, 180°, Box |
| 1723930000 | BL 5.08/12 SN GN | PCB plug-in connector, Female connectors, Leaf spring connection, Clamping range, max.: 2.08 mm ² , Pitch: 5.08 mm, No. of poles: 12, 180°, Box |
| 1716430000 | BL 5.08/13 SN OR | PCB plug-in connector, Female connectors, Leaf spring connection, Clamping range, max.: 2.08 mm ² , Pitch: 5.08 mm, No. of poles: 13, 180°, Box |
| 1716580000 | BL 5.08/13 SN SW | PCB plug-in connector, Female connectors, Leaf spring connection, Clamping range, max.: 2.08 mm ² , Pitch: 5.08 mm, No. of poles: 13, 180°, Box |
| 1716440000 | BL 5.08/14 SN OR | PCB plug-in connector, Female connectors, Leaf spring connection, Clamping range, max.: 2.08 mm ² , Pitch: 5.08 mm, No. of poles: 14, 180°, Box |
| 1716590000 | BL 5.08/14 SN SW | PCB plug-in connector, Female connectors, Leaf spring connection, Clamping range, max.: 2.08 mm ² , Pitch: 5.08 mm, No. of poles: 14, 180°, Box |
| 1723950000 | BL 5.08/14 SN GN | PCB plug-in connector, Female connectors, Leaf spring connection, Clamping range, max.: 2.08 mm ² , Pitch: 5.08 mm, No. of poles: 14, 180°, Box |
| 1716450000 | BL 5.08/15 SN OR | PCB plug-in connector, Female connectors, Leaf spring connection, Clamping range, max.: 2.08 mm ² , Pitch: 5.08 mm, No. of poles: 15, 180°, Box |
| 1716600000 | BL 5.08/15 SN SW | PCB plug-in connector, Female connectors, Leaf spring connection, Clamping range, max.: 2.08 mm ² , Pitch: 5.08 mm, No. of poles: 15, 180°, Box |
| 1716460000 | BL 5.08/16 SN OR | PCB plug-in connector, Female connectors, Leaf spring connection, Clamping range, max.: 2.08 mm ² , Pitch: 5.08 mm, No. of poles: 16, 180°, Box |
| 1716610000 | BL 5.08/16 SN SW | PCB plug-in connector, Female connectors, Leaf spring connection, Clamping range, max.: 2.08 mm ² , Pitch: 5.08 mm, No. of poles: 16, 180°, Box |
| 1723970000 | BL 5.08/16 SN GN | PCB plug-in connector, Female connectors, Leaf spring connection, Clamping range, max.: 2.08 mm ² , Pitch: 5.08 mm, No. of poles: 16, 180°, Box |