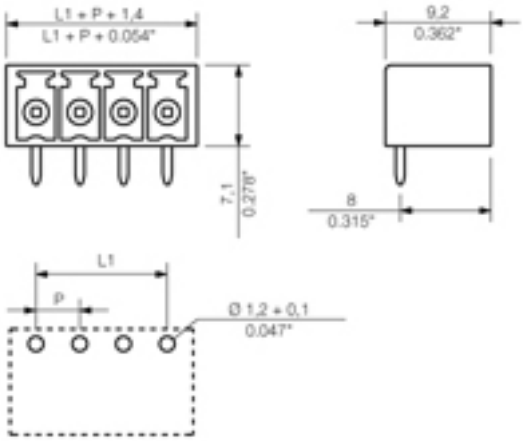





| General ordering data | |
|---|---|
| Order No. | 1942270000 |
| Part designation | SC 3.81/9/90G3.2SN GN |
| Version | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 9, 90°, Box |
| EAN | 4032248655328 |
| Qty. | 50 pc(s). |

| System parameters | |
|---|---|
| Fitted to PCB | Soldered connection |
| Outgoing elbow | 90° |
| Pitch | 3.81 mm |
| Pitch in inch | 0.15 inch |
| No. of poles | 9 |
| Solder pin length | 3.2 mm |
| Can be coded | Yes |
| No. of rows | 1 |
| No. of solder pins per pole | 1 |
| Dia. of fitting hole | 1.2 mm |
| Fitting hole tolerance | + 0.1 mm |
| L1 in mm | 30.48 mm |
| L1 in inch | 1.2 inch |
| Insulation resistance | 1,000 MΩ |
| Electric shock protection to DIN VDE 0470 | IP 20 |
| Electric shock protection to DIN VDE 0470 | Safe from finger touch |

| Material data | |
|---|---|
| Insulating material | PA GF |
| Colour | Pale green |
| colour chart | Similar to RAL 6021 |
| Insulating material group | II |
| Flammability class UL 94 | V-0 |
| CTI | >= 475 |
| Contact base material | Copper alloy |

| Material data | |
|---|---|
| Contact surface | tinned |
| Constant operating temp., min. | -25 °C |
| Constant operating temp., max. | 120 °C |
| Storage temperature, min. | -25 °C |
| Storage temperature, max. | 55 °C |
| Max. relative humidity during storage | 93 % |

| DIN IEC rating data | |
|---|---|
| Rated current, min. No. pins (Tu=20°C) | 17.5 A |
| Rated current, min. No. pins(Tu=40°C) | 17.5 A |
| Rated voltage for overvoltage class/pollution severity III/3 | 160 V |
| Rated impulse withstand voltage for overvoltage class/pollution severity III/3 | 2.5 kV |
| Rated voltage for overvoltage class/pollution severity III/2 | 160 V |
| Rated impulse withstand voltage for overvoltage class/pollution severity III/2 | 2.5 kV |
| Rated voltage for overvoltage class/pollution severity II/2 | 320 V |
| Rated impulse withstand voltage for overvoltage class/pollution severity II/2 | 2.5 kV |
| Short-time withstand current resistance | 3 x 1s with 76 A |

| CSA rating data | |
|---|---|
| Rated voltage (Use group D) | 300 V |
| Rated current (Use group D) | 10 A |

| UL 1059 rating data | |
|---|---|
| Rated voltage (Use group D) | 300 V |
| Rated current (Use group D) | 10 A |

| Approvals | |
|---|---|
| Approvals institutes | c UL us |

| Classifications | |
|---|---|
| eClass 5.1 | 27-26-11-02 |

**Similar products**

| Order No. | Part designation | Version |
|---|---|---|
| 1942020000 | SC 3.81/2/90G3.2SN OR | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 2, 90°, Box |
| 1793130000 | SC 3.81/2/90G3.2SN SW | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 2, 90°, Box |

| | | |
|---|---|---|
| 1793240000 | SC 3.81/2/90G3.2SN GN | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 2, 90°, Box |
| 1942040000 | SC 3.81/3/90G3.2SN OR | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 3, 90°, Box |
| 1793140000 | SC 3.81/3/90G3.2SN SW | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 3, 90°, Box |
| 1793250000 | SC 3.81/3/90G3.2SN GN | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 3, 90°, Box |
| 1942070000 | SC 3.81/4/90G3.2SN OR | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 4, 90°, Box |
| 1793150000 | SC 3.81/4/90G3.2SN SW | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 4, 90°, Box |
| 1793260000 | SC 3.81/4/90G3.2SN GN | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 4, 90°, Box |
| 1942090000 | SC 3.81/5/90G3.2SN OR | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 5, 90°, Box |
| 1793160000 | SC 3.81/5/90G3.2SN SW | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 5, 90°, Box |
| 1793270000 | SC 3.81/5/90G3.2SN GN | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 5, 90°, Box |
| 1942100000 | SC 3.81/6/90G3.2SN OR | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 6, 90°, Box |
| 1793170000 | SC 3.81/6/90G3.2SN SW | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 6, 90°, Box |
| 1793280000 | SC 3.81/6/90G3.2SN GN | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 6, 90°, Box |
| 1942120000 | SC 3.81/7/90G3.2SN OR | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 7, 90°, Box |
| 1942350000 | SC 3.81/7/90G3.2SN SW | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 7, 90°, Box |
| 1942260000 | SC 3.81/7/90G3.2SN GN | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 7, 90°, Box |
| 1942130000 | SC 3.81/8/90G3.2SN OR | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 8, 90°, Box |
| 1793180000 | SC 3.81/8/90G3.2SN SW | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 8, 90°, Box |
| 1793290000 | SC 3.81/8/90G3.2SN GN | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 8, 90°, Box |
| 1942140000 | SC 3.81/9/90G3.2SN OR | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 9, 90°, Box |
| 1942360000 | SC 3.81/9/90G3.2SN SW | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 9, 90°, Box |
| 1942150000 | SC 3.81/10/90G3.2SN OR | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 10, 90°, Box |
| 1793190000 | SC 3.81/10/90G3.2SN SW | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 10, 90°, Box |
| 1793300000 | SC 3.81/10/90G3.2SN GN | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 10, 90°, Box |
| 1942160000 | SC 3.81/11/90G3.2SN OR | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 11, 90°, Box |
| 1942370000 | SC 3.81/11/90G3.2SN SW | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 11, 90°, Box |

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|---|---|---|
| 1942280000 | SC 3.81/11/90G3.2SN GN | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 11, 90°, Box |
| 1942170000 | SC 3.81/12/90G3.2SN OR | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 12, 90°, Box |
| 1793200000 | SC 3.81/12/90G3.2SN SW | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 12, 90°, Box |
| 1793310000 | SC 3.81/12/90G3.2SN GN | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 12, 90°, Box |
| 1942180000 | SC 3.81/13/90G3.2SN OR | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 13, 90°, Box |
| 1942380000 | SC 3.81/13/90G3.2SN SW | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 13, 90°, Box |
| 1942290000 | SC 3.81/13/90G3.2SN GN | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 13, 90°, Box |
| 1942190000 | SC 3.81/14/90G3.2SN OR | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 14, 90°, Box |
| 1942390000 | SC 3.81/14/90G3.2SN SW | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 14, 90°, Box |
| 1808990000 | SC 3.81/14/90G3.2SN GN | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 14, 90°, Box |
| 1942200000 | SC 3.81/15/90G3.2SN OR | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 15, 90°, Box |
| 1942400000 | SC 3.81/15/90G3.2SN SW | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 15, 90°, Box |
| 1942300000 | SC 3.81/15/90G3.2SN GN | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 15, 90°, Box |
| 1942210000 | SC 3.81/16/90G3.2SN OR | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 16, 90°, Box |
| 1793210000 | SC 3.81/16/90G3.2SN SW | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 16, 90°, Box |
| 1793320000 | SC 3.81/16/90G3.2SN GN | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 16, 90°, Box |
| 1942220000 | SC 3.81/17/90G3.2SN OR | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 17, 90°, Box |
| 1942410000 | SC 3.81/17/90G3.2SN SW | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 17, 90°, Box |
| 1942310000 | SC 3.81/17/90G3.2SN GN | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 17, 90°, Box |
| 1942230000 | SC 3.81/18/90G3.2SN OR | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 18, 90°, Box |
| 1942420000 | SC 3.81/18/90G3.2SN SW | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 18, 90°, Box |
| 1942320000 | SC 3.81/18/90G3.2SN GN | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 18, 90°, Box |
| 1942240000 | SC 3.81/19/90G3.2SN OR | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 19, 90°, Box |
| 1942430000 | SC 3.81/19/90G3.2SN SW | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 19, 90°, Box |
| 1942330000 | SC 3.81/19/90G3.2SN GN | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 19, 90°, Box |
| 1942250000 | SC 3.81/20/90G3.2SN OR | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 20, 90°, Box |

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|---|---|---|
| 1942440000 | SC 3.81/20/90G3.2SN SW | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 20, 90°, Box |
| 1942340000 | SC 3.81/20/90G3.2SN GN | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 20, 90°, Box |