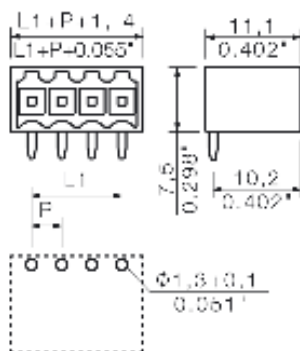
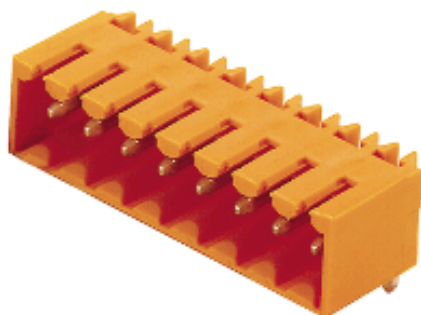




#### CSA rating data

|                                       |       |
|---------------------------------------|-------|
| Rated (nominal) current, user group D | 10 A  |
| Rated voltage, user group D           | 300 V |

#### DIN IEC rating data

|                                                                                |                   |
|--------------------------------------------------------------------------------|-------------------|
| Rated voltage for overvoltage class/pollution severity III/3                   | 160 V             |
| Rated voltage for overvoltage class/pollution severity III/2                   | 160 V             |
| Rated voltage for overvoltage class/pollution severity II/2                    | 250 V             |
| Rated current, min. No. pins (Tu=40°C)                                         | 14,5 A            |
| Rated current, max. No. pins (Tu=40°C)                                         | 10 A              |
| Rated impulse withstand voltage for overvoltage class/pollution severity III/2 | 2,5 kV            |
| Rated impulse withstand voltage for overvoltage class/pollution severity II/2  | 2,5 kV            |
| Rated current, min. No. pins (Tu=20°C)                                         | 17 A              |
| Short-time withstand current resistance                                        | 3 x 1s with 100 A |
| Rated impulse withstand voltage for overvoltage class/pollution severity III/3 | 2,5 kV            |
| Rated current, max. No. pins (Tu=20°C)                                         | 12 A              |

#### Material data

|                                       |        |
|---------------------------------------|--------|
| Max. relative humidity during storage | 80 %   |
| Storage temperature, min.             | -25 °C |
| Storage temperature, max.             | 55 °C  |
| Insulating material group             | IIIa   |
| Insulation material                   | PBT    |
| Constant operating temp., min.        | -25 °C |
| Constant operating temp., max.        | 100 °C |
| CTI                                   | >= 200 |
| UL 94 combustibility class            | V-0    |
| Contact surface                       | tinned |
| Contact base material                 | CuSn   |
| Colour                                | orange |

### System parameters

|                                           |                              |
|-------------------------------------------|------------------------------|
| L1 in mm                                  | 7,00 mm                      |
| Pitch in inch                             | 0,138 inch                   |
| Outgoing elbow                            | 90°                          |
| No. of solder pins per pole               | 1                            |
| No. of rows                               | 1                            |
| Electric shock protection to DIN VDE 0470 | Safe from back-of-hand touch |
| Dia. of fitting hole                      | 1,3 mm                       |
| Insulation resistance                     | 1 MΩ                         |
| Codable                                   | yes                          |
| Fitted to PCB                             | Soldered connection          |
| Pitch                                     | 3,50 mm                      |
| Fitting hole tolerance                    | + 0.1 mm                     |
| L1 in inch                                | 0,276 inch                   |
| Number of poles                           | 3                            |
| Length of soldering post                  | 3,2 mm                       |

### UL 1059 rating data

|                             |       |
|-----------------------------|-------|
| Rated voltage, user group D | 300 V |
| Rated current (UL 1059)     | 10 A  |

### Approvals

|                                                              |       |
|--------------------------------------------------------------|-------|
| Rated voltage for overvoltage class/pollution severity III/3 | 160 V |
| Rated voltage for overvoltage class/pollution severity III/2 | 160 V |
| Rated voltage for overvoltage class/pollution severity II/2  | 250 V |

### Approvals

Approvals



### Classifications

|            |             |
|------------|-------------|
| ETIM 2.0   | NK          |
| eClass 4.1 | 27-26-07-01 |
| eClass 5.0 | 27-26-07-01 |

### General ordering data

|                         |                      |
|-------------------------|----------------------|
| Order No.               | 1605080000           |
| Short text for material | SL 3.5/3/90G3.2SN OR |
| EAN                     | 4008190088538        |

- Additional colours on request
- Gold-plated contact surfaces on request
- Rated current related to rated cross-section and min. No. of poles.

- P on drg. = pitch
- Rated data refer only to the component itself. Clearance and creepage distances to other components are to be designed in accordance with the relevant application standards.

#### Related products

| Order No.  | Short text for material | Number of poles |
|------------|-------------------------|-----------------|
| 1605070000 | SL 3.5/2/90G3.2SN OR    | 2               |
| 1605090000 | SL 3.5/4/90G3.2SN OR    | 4               |
| 1605100000 | SL 3.5/5/90G3.2SN OR    | 5               |
| 1605110000 | SL 3.5/6/90G3.2SN OR    | 6               |
| 1605120000 | SL 3.5/7/90G3.2SN OR    | 7               |
| 1605130000 | SL 3.5/8/90G3.2SN OR    | 8               |
| 1605140000 | SL 3.5/9/90G3.2SN OR    | 9               |
| 1605150000 | SL 3.5/10/90G3.2SN OR   | 10              |
| 1605160000 | SL 3.5/11/90G3.2SN OR   | 11              |
| 1605170000 | SL 3.5/12/90G3.2SN OR   | 12              |
| 1605180000 | SL 3.5/13/90G3.2SN OR   | 13              |
| 1605190000 | SL 3.5/14/90G3.2SN OR   | 14              |
| 1605200000 | SL 3.5/15/90G3.2SN OR   | 15              |
| 1605210000 | SL 3.5/16/90G3.2SN OR   | 16              |
| 1619380000 | SL 3.5/17/90G3.2SN OR   | 17              |
| 1619390000 | SL 3.5/18/90G3.2SN OR   | 18              |
| 1619400000 | SL 3.5/19/90G3.2SN OR   | 19              |
| 1619410000 | SL 3.5/20/90G3.2SN OR   | 20              |
| 1619420000 | SL 3.5/21/90G3.2SN OR   | 21              |
| 1619430000 | SL 3.5/22/90G3.2SN OR   | 22              |
| 1619440000 | SL 3.5/23/90G3.2SN OR   | 23              |
| 1619450000 | SL 3.5/24/90G3.2SN OR   | 24              |