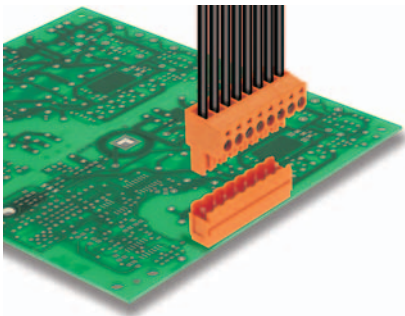


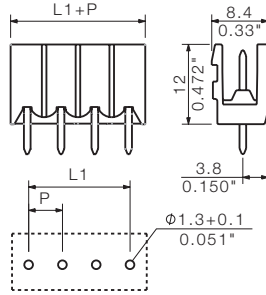
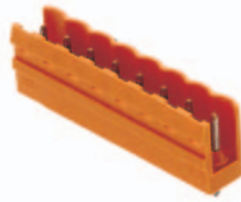
Solder connection pin headers

SL 5.00/180
SL 5.08/180

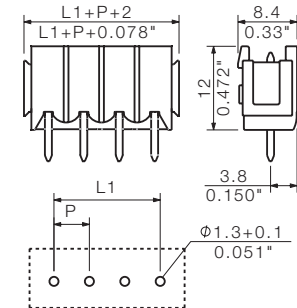


- 250 V (IEC) / 300 V (UL)
- 18 A (IEC) / 15 A (UL)

SL 5.00/180
SL 5.08/180



SL 5.00/180B
SL 5.08/180B



E

Technical data

Rated data acc. to IEC 664-1 / VDE 0110 (4.97)

| | |
|-----------------------------|-----------------|
| Clamping range, max. | mm ² |
| Solid H05(07) V-U | mm ² |
| Stranded H07 V-R | mm ² |
| Flexible H05(07) V-K | mm ² |
| Flexible with ferrule | mm ² |
| Ferrule with plastic collar | mm ² |
| Stripping length | mm |

Rated current at ambient temperature

| | | |
|---|------|------|
| | 20°C | 40°C |
| A | 18.0 | 15.0 |

Overvoltage category

| | | | |
|--------------------|-----|-----|----|
| | III | III | II |
| Pollution severity | 3 | 2 | 2 |

Pollution severity

| | | | | |
|-----------------------|----|-----|-----|-----|
| Rated voltage | V | 250 | 320 | 400 |
| Rated impulse voltage | kV | 4.0 | 4.0 | 4.0 |

UL 1059 rated data - E60693

| | | | |
|---------------|---|------|------|
| | B | C | D |
| Rated voltage | V | 300 | 300 |
| Rated current | A | 15.0 | 10.0 |
| AWG conductor | | | |

CSA C22.2 rated data - LR12400 B

| | | | |
|---------------|---|------|------|
| | B | C | D |
| Rated voltage | V | 300 | 300 |
| Rated current | A | 15.0 | 10.0 |
| AWG conductor | | | |

Material data

| | |
|------------------------------|------------|
| Type of insulating material | PBT |
| Flammability class acc. UL94 | V-0 |
| Contact base material | CuSn |
| Contact plating | tin plated |

Information

- Additional colours on request
- Gold-plated contact surfaces on request
- Rated current refers to rated cross-section and min. number of poles
- Drawing information P = Pitch

Ordering data

| | |
|-------------------|--------|
| Solder pin length | 3.2 mm |
| Colour | orange |

Pitch 5.00 mm

| Poles | L1 mm (inch) | Qty. | Order no. | Order no. |
|-------|----------------|------|-----------|------------|
| 2 | 5.00 (0.197) | 100 | | 1581320000 |
| 3 | 10.00 (0.394) | 100 | | 1581330000 |
| 4 | 15.00 (0.591) | 100 | | 1581340000 |
| 5 | 20.00 (0.787) | 50 | | 1581350000 |
| 6 | 25.00 (0.984) | 50 | | 1581360000 |
| 7 | 30.00 (1.181) | 50 | | 1581370000 |
| 8 | 35.00 (1.378) | 50 | | 1581380000 |
| 9 | 40.00 (1.575) | 50 | | 1581390000 |
| 10 | 45.00 (1.772) | 50 | | 1581400000 |
| 11 | 50.00 (1.969) | 50 | | 1581410000 |
| 12 | 55.00 (2.165) | 50 | | 1581420000 |
| 13 | 60.00 (2.362) | 50 | | 1581430000 |
| 14 | 65.00 (2.559) | 50 | | 1581440000 |
| 15 | 70.00 (2.756) | 50 | | 1581450000 |
| 16 | 75.00 (2.953) | 50 | | 1581460000 |
| 17 | 80.00 (3.150) | 20 | | 1581470000 |
| 18 | 85.00 (3.346) | 20 | | 1581480000 |
| 19 | 90.00 (3.543) | 20 | | 1581490000 |
| 20 | 95.00 (3.740) | 20 | | 1581500000 |
| 21 | 100.00 (3.937) | 20 | | 1581510000 |
| 22 | 105.00 (4.134) | 20 | | 1581520000 |
| 23 | 110.00 (4.331) | 20 | | 1581530000 |
| 24 | 115.00 (4.528) | 20 | | 1581540000 |

Pitch 5.08 mm

| Poles | L1 mm (inch) | Qty. | Order no. | Order no. |
|-------|----------------|------|-----------|------------|
| 2 | 5.08 (0.200) | 100 | | 1517260000 |
| 3 | 10.16 (0.400) | 100 | | 1517360000 |
| 4 | 15.24 (0.600) | 100 | | 1517460000 |
| 5 | 20.32 (0.800) | 50 | | 1517560000 |
| 6 | 25.40 (1.000) | 50 | | 1517660000 |
| 7 | 30.48 (1.200) | 50 | | 1517760000 |
| 8 | 35.56 (1.400) | 50 | | 1517860000 |
| 9 | 40.64 (1.600) | 50 | | 1517960000 |
| 10 | 45.72 (1.800) | 50 | | 1518060000 |
| 11 | 50.80 (2.000) | 50 | | 1518160000 |
| 12 | 55.88 (2.200) | 50 | | 1518260000 |
| 13 | 60.96 (2.400) | 50 | | 1518360000 |
| 14 | 66.04 (2.600) | 50 | | 1518460000 |
| 15 | 71.12 (2.800) | 50 | | 1518560000 |
| 16 | 76.20 (3.000) | 50 | | 1518660000 |
| 17 | 81.28 (3.200) | 20 | | 1518760000 |
| 18 | 86.36 (3.400) | 20 | | 1518860000 |
| 19 | 91.44 (3.600) | 20 | | 1518960000 |
| 20 | 96.52 (3.800) | 20 | | 1519060000 |
| 21 | 101.60 (4.000) | 20 | | 1519160000 |
| 22 | 106.68 (4.200) | 20 | | 1519260000 |
| 23 | 111.76 (4.400) | 20 | | 1519360000 |
| 24 | 116.84 (4.600) | 20 | | 1519460000 |

Ordering data

| | |
|-------------------|--------|
| Solder pin length | 3.2 mm |
| Colour | orange |

Pitch 5.00 mm

| Poles | L1 mm (inch) | Qty. | Order no. | Order no. |
|-------|----------------|------|-----------|------------|
| 2 | 5.00 (0.197) | 100 | | 1581780000 |
| 3 | 10.00 (0.394) | 100 | | 1581790000 |
| 4 | 15.00 (0.591) | 100 | | 1581800000 |
| 5 | 20.00 (0.787) | 50 | | 1581810000 |
| 6 | 25.00 (0.984) | 50 | | 1581820000 |
| 7 | 30.00 (1.181) | 50 | | 1581830000 |
| 8 | 35.00 (1.378) | 50 | | 1581840000 |
| 9 | 40.00 (1.575) | 50 | | 1581850000 |
| 10 | 45.00 (1.772) | 50 | | 1581860000 |
| 11 | 50.00 (1.969) | 50 | | 1581870000 |
| 12 | 55.00 (2.165) | 50 | | 1581880000 |
| 13 | 60.00 (2.362) | 50 | | 1581890000 |
| 14 | 65.00 (2.559) | 50 | | 1581900000 |
| 15 | 70.00 (2.756) | 50 | | 1581910000 |
| 16 | 75.00 (2.953) | 50 | | 1581920000 |
| 17 | 80.00 (3.150) | 20 | | 1581930000 |
| 18 | 85.00 (3.346) | 20 | | 1581940000 |
| 19 | 90.00 (3.543) | 20 | | 1581950000 |
| 20 | 95.00 (3.740) | 20 | | 1581960000 |
| 21 | 100.00 (3.937) | 20 | | 1581970000 |
| 22 | 105.00 (4.134) | 20 | | 1581980000 |
| 23 | 110.00 (4.331) | 20 | | 1581990000 |
| 24 | 115.00 (4.528) | 20 | | 1582000000 |

Pitch 5.08 mm

| Poles | L1 mm (inch) | Qty. | Order no. | Order no. |
|-------|----------------|------|-----------|------------|
| 2 | 5.08 (0.200) | 100 | | 1519560000 |
| 3 | 10.16 (0.400) | 100 | | 1519660000 |
| 4 | 15.24 (0.600) | 100 | | 1519760000 |
| 5 | 20.32 (0.800) | 50 | | 1519860000 |
| 6 | 25.40 (1.000) | 50 | | 1519960000 |
| 7 | 30.48 (1.200) | 50 | | 1520060000 |
| 8 | 35.56 (1.400) | 50 | | 1520160000 |
| 9 | 40.64 (1.600) | 50 | | 1520260000 |
| 10 | 45.72 (1.800) | 50 | | 1520360000 |
| 11 | 50.80 (2.000) | 50 | | 1520460000 |
| 12 | 55.88 (2.200) | 50 | | 1520560000 |
| 13 | 60.96 (2.400) | 50 | | 1520660000 |
| 14 | 66.04 (2.600) | 50 | | 1520760000 |
| 15 | 71.12 (2.800) | 50 | | 1520860000 |
| 16 | 76.20 (3.000) | 50 | | 1520960000 |
| 17 | 81.28 (3.200) | 20 | | 1521060000 |
| 18 | 86.36 (3.400) | 20 | | 1521160000 |
| 19 | 91.44 (3.600) | 20 | | 1521260000 |
| 20 | 96.52 (3.800) | 20 | | 1521360000 |
| 21 | 101.60 (4.000) | 20 | | 1521460000 |
| 22 | 106.68 (4.200) | 20 | | 1521560000 |
| 23 | 111.76 (4.400) | 20 | | 1521660000 |
| 24 | 116.84 (4.600) | 20 | | 1521760000 |