

Socket connectors with leaf spring connection

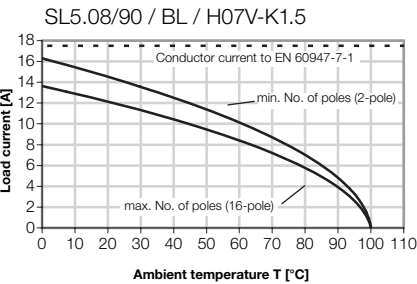
BL 5.08  
BL 5.00



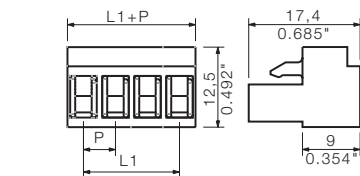
Socket connectors with leaf spring connection for conductor connection with straight outlet. The socket connectors provide space for labelling and can be coded. Packed in cardboard box.

- 0.2 - 1.5 mm<sup>2</sup> (IEC) / 26 - 14 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 14 A (IEC) / 10 A (UL)

Derating curve



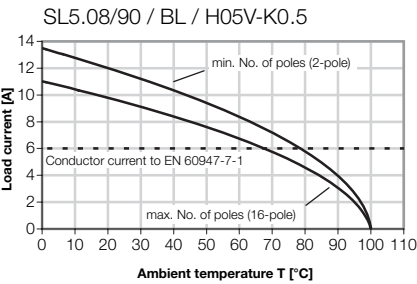
BL 5.08  
BL 5.00



Technical data

| Rated data to IEC 60664-1 / IEC 61984 |     |             |             |
|---------------------------------------|-----|-------------|-------------|
| Clamping range, max.                  | mm² | 0.13...2.08 |             |
| Solid H05(07) V-U                     | mm² | 0.2...1.5   |             |
| Stranded H07 V-R                      | mm² |             |             |
| Flexible H05(07) V-K                  | mm² | 0.2...1.5   |             |
| Flexible with ferrule                 | mm² | 0.2...1.5   |             |
| Ferrule with plastic collar           | mm² | 0.2...1     |             |
| Stripping length                      | mm  | 6           |             |
| Screwdriver blade                     | mm  | 0.6 x 3.5   |             |
| according to norm                     |     | DIN 5264    |             |
| Tightening torque range               | Nm  | 0.4...0.5   |             |
| <b>Rated current</b>                  |     |             |             |
| <b>at ambient temperature</b>         |     | <b>20°C</b> | <b>40°C</b> |
|                                       | A   | 14          | 12          |
| <b>Overvoltage category</b>           |     | <b>III</b>  | <b>II</b>   |
| <b>Pollution severity</b>             |     | <b>3</b>    | <b>2</b>    |
| Rated voltage                         | V   | 250         | 320         |
| Rated impulse voltage                 | kV  | 4           | 4           |
| <b>UL 1059 rated data</b>             |     | <b>B</b>    | <b>D</b>    |
| Nominal voltage                       | V   | 300         | 300         |
| Rated current                         | A   | 10          | 10          |
| AWG conductor                         |     | 26-14       |             |
| <b>@ CSA C22.2 rated data</b>         |     | <b>B</b>    | <b>D</b>    |
| Rated voltage                         | V   | 300         | 300         |
| Rated current                         | A   | 10          | 10          |
| AWG conductor                         |     | 26-14       |             |
| <b>Material data</b>                  |     |             |             |
| Type of insulating material           |     | PA          |             |
| Flammability class acc. UL94          |     | V-2         |             |
| Contact base material                 |     | CuSn        |             |
| Material of contact surface           |     | tinned      |             |
| <b>Information</b>                    |     |             |             |

- Information**
- Additional colours on request
  - Gold-plated contact surfaces on request
  - Rated current related to rated cross-section and min. No. of poles.
  - Wire end ferrule without plastic collar to DIN 46228 pt 1
  - Wire end ferrule with plastic collar to DIN 46228 pt 4
  - P on drg. = pitch
  - Do not tighten screws when plugged in.
  - 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.



Ordering data

| Solder pin length |       |         |        |            |            |
|-------------------|-------|---------|--------|------------|------------|
| Colour of plastic |       |         |        |            |            |
|                   |       |         | orange | black      |            |
| Pitch 5.08 mm     |       |         |        |            |            |
| Poles             | L1 mm | (inch)  | Qty.   | Order No.  | Order No.  |
| 2                 | 5.08  | (0.200) | 100    | 1716320000 | 1716470000 |
| 3                 | 10.16 | (0.400) | 100    | 1716330000 | 1716480000 |
| 4                 | 15.24 | (0.600) | 100    | 1716340000 | 1716490000 |
| 5                 | 20.32 | (0.800) | 50     | 1716350000 | 1716500000 |
| 6                 | 25.40 | (1.000) | 50     | 1716360000 | 1716510000 |
| 7                 | 30.48 | (1.200) | 50     | 1716370000 | 1716520000 |
| 8                 | 35.56 | (1.400) | 50     | 1716380000 | 1716530000 |
| 9                 | 40.64 | (1.600) | 50     | 1716390000 | 1716540000 |
| 10                | 45.72 | (1.800) | 50     | 1716400000 | 1716550000 |
| 11                | 50.80 | (2.000) | 50     | 1716410000 | 1716560000 |
| 12                | 55.88 | (2.200) | 50     | 1716420000 | 1716570000 |
| 13                | 60.96 | (2.400) | 50     | 1716430000 | 1716580000 |
| 14                | 66.04 | (2.600) | 50     | 1716440000 | 1716590000 |
| 15                | 71.12 | (2.800) | 50     | 1716450000 | 1716600000 |
| 16                | 76.20 | (3.000) | 50     | 1716460000 | 1716610000 |

| Pitch 5.00 mm |       |         |      |            |            |
|---------------|-------|---------|------|------------|------------|
| Poles         | L1 mm | (inch)  | Qty. | Order No.  | Order No.  |
| 2             | 5.00  | (0.197) | 100  | 1723110000 | 1730700000 |
| 3             | 10.00 | (0.394) | 100  | 1723120000 | 1730710000 |
| 4             | 15.00 | (0.591) | 100  | 1723130000 | 1730720000 |
| 5             | 20.00 | (0.787) | 50   | 1723140000 | 1730730000 |
| 6             | 25.00 | (0.984) | 50   | 1723150000 | 1730740000 |
| 7             | 30.00 | (1.181) | 50   | 1723160000 | 1730750000 |
| 8             | 35.00 | (1.378) | 50   | 1723170000 | 1730760000 |
| 9             | 40.00 | (1.575) | 50   | 1723180000 | 1730770000 |
| 10            | 45.00 | (1.772) | 50   | 1723190000 | 1730780000 |
| 11            | 50.00 | (1.969) | 50   | 1723200000 | 1730790000 |
| 12            | 55.00 | (2.165) | 50   | 1723210000 | 1730800000 |
| 13            | 60.00 | (2.362) | 50   | 1723220000 | 1730810000 |
| 14            | 65.00 | (2.559) | 50   | 1723230000 | 1730820000 |
| 15            | 70.00 | (2.756) | 50   | 1723240000 | 1730830000 |
| 16            | 75.00 | (2.953) | 50   | 1723250000 | 1730840000 |

## Accessories

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### Coding

See chapter accessories



### Clip-in lugs

See chapter accessories

