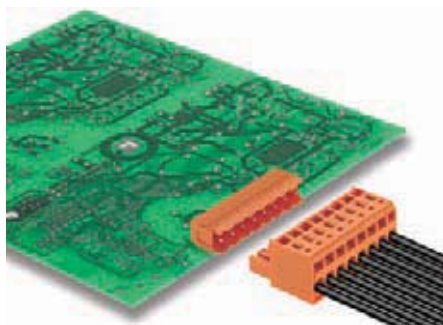


## Socket connectors with tension clamp connection

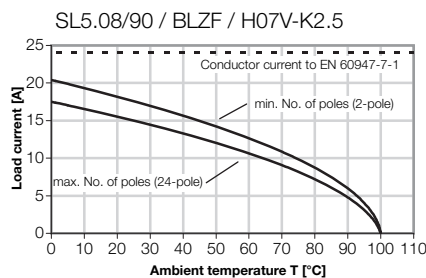
### BLZF 5.08/180



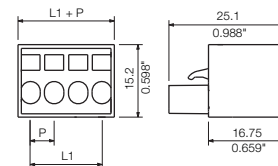
Socket connectors for conductor connection using the time-saving tension clamp method with straight outlet. The socket connectors provide space for labelling and can be coded. Packed in cardboard box.

- 0.2 - 2.5 mm<sup>2</sup> (IEC) / 26 - 12 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 17 A (IEC) / 15 A (UL)

### Derating curve



### BLZF 5.08/180

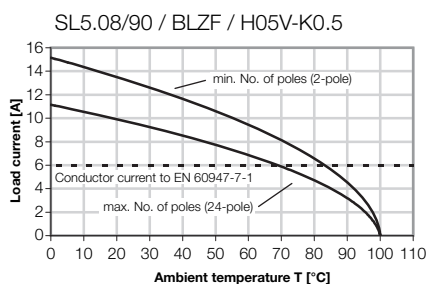


### Technical data

| Rated data to IEC 60664-1 / IEC 61984       |                 |             |             |
|---------------------------------------------|-----------------|-------------|-------------|
| Clamping range, max.                        | mm <sup>2</sup> | 0.13...3.31 |             |
| Solid H05(07) V-U                           | mm <sup>2</sup> | 0.2...2.5   |             |
| Stranded H07 V-R                            | mm <sup>2</sup> |             |             |
| Flexible H05(07) V-K                        | mm <sup>2</sup> | 0.2...2.5   |             |
| Flexible with ferrule                       | mm <sup>2</sup> | 0.2...1.5   |             |
| Ferrule with plastic collar                 | mm <sup>2</sup> | 0.2...1.5   |             |
| Stripping length                            | mm              | 10          |             |
| Screwdriver blade                           | mm              | 0.6 x 3.5   |             |
| according to norm                           |                 | DIN 5264-A  |             |
| Tightening torque range                     | Nm              |             |             |
| <b>Rated current at ambient temperature</b> |                 | <b>20°C</b> | <b>40°C</b> |
|                                             | A               | 17          | 14.5        |
| <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               | 15          | 10          |
| AWG conductor                               |                 | 26-12       |             |
| <b>CSA C22.2 rated data</b>                 |                 | <b>B</b>    | <b>D</b>    |
| Rated voltage                               | V               | 300         | 300         |
| Rated current                               | A               | 15          | 10          |
| AWG conductor                               |                 | 26-12       |             |
| <b>Material data</b>                        |                 |             |             |
| Type of insulating material                 |                 | PBT         |             |
| Flammability class acc. UL94                |                 | V-0         |             |
| Contact base material                       |                 | Cu alloy    |             |
| 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
- 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    | 1707460000 | 1707690000 |
| 3                 | 10.16  | (0.400) | 100    | 1707470000 | 1707700000 |
| 4                 | 15.24  | (0.600) | 100    | 1707480000 | 1707710000 |
| 5                 | 20.32  | (0.800) | 50     | 1707490000 | 1707720000 |
| 6                 | 25.40  | (1.000) | 50     | 1707500000 | 1707730000 |
| 7                 | 30.48  | (1.200) | 50     | 1707510000 | 1707740000 |
| 8                 | 35.56  | (1.400) | 50     | 1707520000 | 1707750000 |
| 9                 | 40.64  | (1.600) | 50     | 1707530000 | 1707760000 |
| 10                | 45.72  | (1.800) | 50     | 1707540000 | 1707770000 |
| 11                | 50.80  | (2.000) | 50     | 1707550000 | 1707780000 |
| 12                | 55.88  | (2.200) | 50     | 1707560000 | 1707790000 |
| 13                | 60.96  | (2.400) | 50     | 1707570000 | 1707800000 |
| 14                | 66.04  | (2.600) | 50     | 1707580000 | 1707810000 |
| 15                | 71.12  | (2.800) | 50     | 1707590000 | 1707820000 |
| 16                | 76.20  | (3.000) | 50     | 1707600000 | 1707830000 |
| 17                | 81.28  | (3.200) | 20     | 1707610000 | 1707840000 |
| 18                | 86.36  | (3.400) | 20     | 1707620000 | 1707850000 |
| 19                | 91.44  | (3.600) | 20     | 1707630000 | 1707860000 |
| 20                | 96.52  | (3.800) | 20     | 1707640000 | 1707870000 |
| 21                | 101.60 | (4.000) | 20     | 1707650000 | 1707880000 |
| 22                | 106.68 | (4.200) | 20     | 1707660000 | 1707890000 |
| 23                | 111.76 | (4.400) | 20     | 1707670000 | 1707900000 |
| 24                | 116.84 | (4.600) | 20     | 1707680000 | 1707910000 |