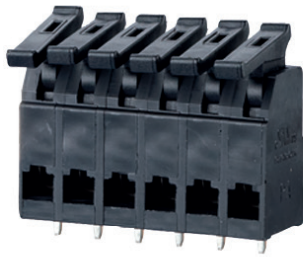


## SPRING CLAMP TERMINAL BLOCKS, SOLDERABLE, 5.00mm PITCH

## SPRING CLAMP TERMINAL BLOCKS, SOLDERABLE, 5.00mm PITCH



Product family Pole size Color Option  
**ST055xxHBNC** \*(AST055)  
 Centerline Design Function \*old product name

- spring clamp terminal block, solderable
- centerline 5.00 mm, direction of connection 90°
- fittable without loss of poles
- color black
- eccentric lever

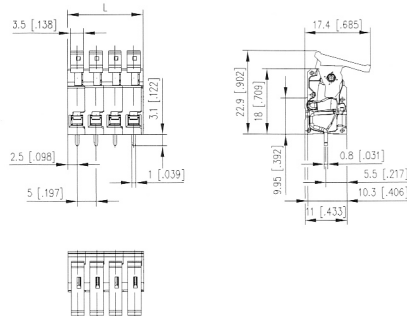
### Technical data

UL V / A / AWG 300 / 12 / 28 - 12

SEV 2.5 mm<sup>2</sup> 250 V / 20 A / T60

|                                            |                            |        |       |
|--------------------------------------------|----------------------------|--------|-------|
| Overvoltage category                       | III                        | III    | II    |
| Pollution degree                           | 3                          | 2      | 2     |
| Rated voltage                              | 320 V                      | 800 V  | 800 V |
| Rated test voltage                         | 4 kV                       | 4.0 kV | 4 kV  |
| Insulating material class                  | CTI 600                    |        |       |
| Rated wiring solid wire                    | 0.08 - 2.5 mm <sup>2</sup> |        |       |
| Rated wiring stranded wire                 | 0.08 - 2.5 mm <sup>2</sup> |        |       |
| Rated wiring solid wire                    | AWG 28 - 12                |        |       |
| Rated wiring stranded wire                 | AWG 28 - 12                |        |       |
| Clearance and creepage distances           | 4 mm                       |        |       |
| Solder pin dimension                       | 1.0 x 0.8 mm               |        |       |
| Recommended pc board hole dia.             | ø 1.4 mm                   |        |       |
| Solder pin length                          | 3.1 mm                     |        |       |
| Protection category according to IEC 60529 | IP 20                      |        |       |
| Min. insul. strip length                   | 6 mm                       |        |       |
| Color                                      | black                      |        |       |

### Dimensional drawing



L = (Pole size - 1) \* centerline + 5 mm (0.197 in.)

P/N  
**ST055XXHBNC**

Complete the part number by adding the pole size.

|    |    |    |    |    |    |    |
|----|----|----|----|----|----|----|
| 02 | 03 | 04 | 05 | 06 | 07 | 08 |
| 09 | 10 | 11 | 12 | 13 | 14 | 15 |
| 16 | 17 | 18 | 19 | 20 | 21 | 22 |
| 23 | 24 |    |    |    |    |    |



Product family Pole size Color Option  
**ST095xxHDNN** \*(AST095)  
 Centerline Design Function \*old product name

- spring clamp terminal block, solderable, double solder pins
- centerline 5.00 mm, direction of connection 90°
- color gray
- push-button, double solder pins

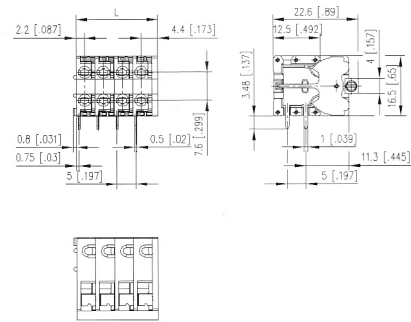
### Technical data

UL V / A / AWG 300 / 15 / 28 - 12

SEV 1 mm<sup>2</sup> 250 V / 13.5 A / T60

|                                            |                           |        |       |
|--------------------------------------------|---------------------------|--------|-------|
| Overvoltage category                       | III                       | III    | II    |
| Pollution degree                           | 3                         | 2      | 2     |
| Rated voltage                              | 320 V                     | 800 V  | 800 V |
| Rated test voltage                         | 4 kV                      | 4.0 kV | 4 kV  |
| Insulating material class                  | CTI 600                   |        |       |
| Rated wiring solid wire                    | 0.2 - 2.5 mm <sup>2</sup> |        |       |
| Rated wiring stranded wire                 | 0.2 - 2.5 mm <sup>2</sup> |        |       |
| Rated wiring solid wire                    | AWG 28 - 12               |        |       |
| Rated wiring stranded wire                 | AWG 28 - 12               |        |       |
| Clearance and creepage distances           | 4.5 mm                    |        |       |
| Solder pin dimension                       | 2 x 1.0 x 0.5 mm          |        |       |
| Recommended pc board hole dia.             | ø 1.4 mm                  |        |       |
| Solder pin length                          | 3.48 mm                   |        |       |
| Protection category according to IEC 60529 | IP 20                     |        |       |
| Min. insul. strip length                   | 15 mm                     |        |       |
| Color                                      | gray                      |        |       |

### Dimensional drawing



L = (Pole size - 1) \* centerline + 6.6 mm (0.260 in.)

P/N  
**ST095XXHDNN**

Complete the part number by adding the pole size.

|    |    |    |    |    |    |    |
|----|----|----|----|----|----|----|
| 02 | 03 | 04 | 05 | 06 | 07 | 08 |
| 09 | 10 | 11 | 12 | 13 | 14 | 15 |
| 16 | 17 | 18 | 19 | 20 | 21 | 22 |
| 23 | 24 |    |    |    |    |    |