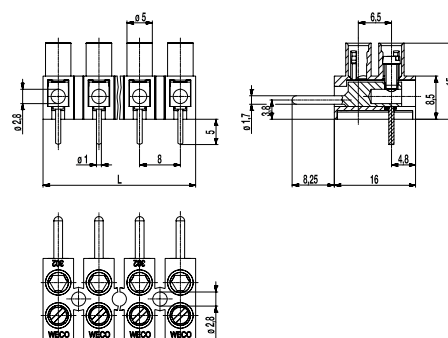
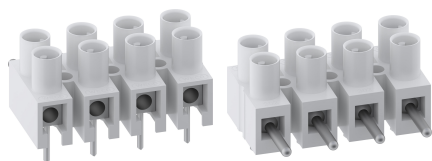


# 302-SVG

Plug-in terminal strip

Screw connection & pin, with solder pin, for PCB



## GENERAL INFORMATION

|              |                    |
|--------------|--------------------|
| Pitch        | 8 mm               |
| No. of poles | 2 - 12             |
| Usable with  | 302-FB, 302-FLW-DS |

## TECHNICAL DATA

|                          |                                                                          |       |        |
|--------------------------|--------------------------------------------------------------------------|-------|--------|
| Clamping Range           | solid / stranded / AWG                                                   |       |        |
|                          | 0,34 - 2,5 mm <sup>2</sup> / 0,34 - 2,5 mm <sup>2</sup> / 22 - 14 AWG    |       |        |
| Rated Cross Section      | 1,5 mm <sup>2</sup>                                                      |       |        |
| Wire Stripping Length    | 5 mm ± 0,5 mm                                                            |       |        |
| Overvoltage Category     | III                                                                      | III   | II     |
| Pollution Severity Level | 3                                                                        | 2     | 2      |
| Rated Voltage            | 400 V                                                                    | 630 V | 1000 V |
| Rated Impulse Voltage    | 6 kV                                                                     | 6 kV  | 6 kV   |
| Rated Insulation Voltage | 450 V acc. to EN 60998-1                                                 |       |        |
| Rated Current            | 6 A                                                                      |       |        |
| Hole in PCB              | ø 1,3 mm                                                                 |       |        |
| Other specifications     | Rated values apply to use in combination with 302-FB(-DS) or 302-FLW-DS. |       |        |

## APPROVALS

|                                                                                     | Current [A] | Voltage [V] | Group | AWG     | [Nm]    |
|-------------------------------------------------------------------------------------|-------------|-------------|-------|---------|---------|
|  | 10          | 300         | B,D,E | 26 - 12 | 0,4 [1] |



## MATERIAL

|                            |                                          |
|----------------------------|------------------------------------------|
| Moulding                   | PA, white, V-0                           |
| Comparative Tracking Index | CTI ≥ 600                                |
| Insulating Group           | I                                        |
| Temperature Range          | -40°C up to 100°C                        |
| Terminal body              | Tin plated brass                         |
| Screw                      | M2,6; zinc plated steel, blue passivated |
| Solder pin                 | ø 1 mm; tin plated copper                |
| Plug                       | Tin plated brass                         |

## OPTIONS / ACCESSORIES

- Marking strips BST-302
- Longer solder pins up to 75 mm

[1] in combination with 302-FB

## CONFIGURATIONS

| Version  | Poles | Item       | Article number | Length (L) | PU  |
|----------|-------|------------|----------------|------------|-----|
| Standard | 2     | 302-SVG/02 | 60.820.030     | 15,00 mm   | 250 |
| Standard | 3     | 302-SVG/03 | 61.820.030     | 23,00 mm   | 100 |
| Standard | 4     | 302-SVG/04 | 62.820.030     | 31,00 mm   | 250 |
| Standard | 5     | 302-SVG/05 | 63.820.030     | 39,00 mm   | 80  |
| Standard | 6     | 302-SVG/06 | 64.820.030     | 47,00 mm   | 80  |
| Standard | 7     | 302-SVG/07 | 65.820.030     | 55,00 mm   | 50  |
| Standard | 8     | 302-SVG/08 | 66.820.030     | 63,00 mm   | 50  |
| Standard | 9     | 302-SVG/09 | 67.820.030     | 71,00 mm   | 50  |
| Standard | 10    | 302-SVG/10 | 68.820.030     | 79,00 mm   | 40  |
| Standard | 11    | 302-SVG/11 | 69.820.030     | 87,00 mm   | 40  |
| Standard | 12    | 302-SVG/12 | 70.820.030     | 94,00 mm   | 40  |

