

## PSB020M2 - Plurima

Number of poles: 2, Clamp tightening, 17.5A, 1mm<sup>2</sup>, 15AWG, 750V, Pitch 10 mm, Modular, Connection Angle 0°, Number of levels: 1, Green (RAL 6032), Soldering technology Wave, UL, VDE, IMQ, CSA



|                      |                                          |
|----------------------|------------------------------------------|
| Number of poles:     | 2                                        |
| Number of levels:    | 1                                        |
| Sides configuration: | Modular                                  |
| Pitch:               | 10 mm                                    |
| Voltage:             | 750 V                                    |
| Current :            | 17.5 A                                   |
| Wire section:        | 0.05 ÷ 1.5 mm <sup>2</sup> / 30 ÷ 15 AWG |
| Available approvals: | UL, VDE, IMQ, CSA                        |

## General Data

### Features

|                             |               |
|-----------------------------|---------------|
| Screw dimension             | M3            |
| Stripping length            | 6 mm          |
| Operating temperature range | -40°C ÷ 110°C |
| Contact resistance          | <15 mOhm      |
| Insulation resistance       | >1 GOhm       |

## Certifications

### CSA (n.LR 102896)

|                 |        |
|-----------------|--------|
| Rated voltage   | 600 V  |
| Nominal current | 13.5 A |
| Wire section    | 15 AWG |

### IMQ (n.ED624)

|                                       |                     |       |       |
|---------------------------------------|---------------------|-------|-------|
| Rated voltage                         | 750 V               |       |       |
| Nominal current                       | 17.5 A              |       |       |
| Wire section                          | 1.5 mm <sup>2</sup> |       |       |
| Insulating category                   | I                   |       |       |
| Overvoltage category/Pollution degree | III/3               | III/2 | II/2  |
| Impulse voltage                       | 6kV                 | 6kV   | 6kV   |
| Rated voltage                         | 400V                | 600V  | 1000V |
| Insulation voltage                    | 400V                | 630V  | 1000V |

### UL (n.E167473)

|                 |        |
|-----------------|--------|
| Rated voltage   | 600 V  |
| Nominal current | 13.5 A |
| Wire section    | 16 AWG |

## VDE (n.40022744 Reg.-Nr. C519)

|                     |                   |
|---------------------|-------------------|
| Rated voltage       | 750 V             |
| Nominal current     | 13.5 A            |
| Wire section        | 1 mm <sup>2</sup> |
| Tightening torque   | .5                |
| Insulating category | I                 |

## Materials

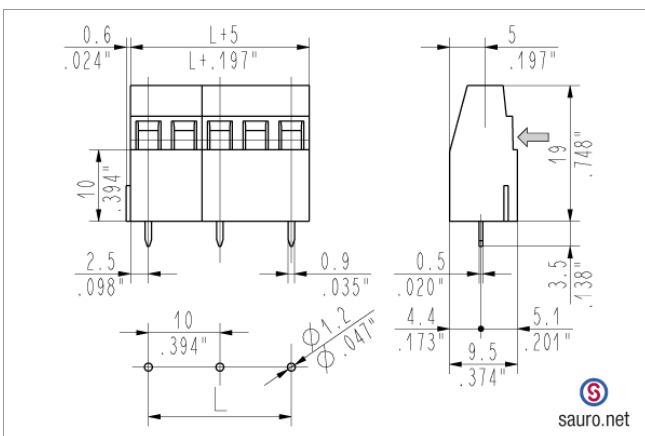
### Components

|                             |                                |
|-----------------------------|--------------------------------|
| Screw material              | Nickel-plated copper alloy     |
| Terminal contact            | Nickel and tin on copper alloy |
| Clamp tightening            | Nickel-plated copper alloy     |
| Insulating housing material | PA Polyamide                   |
| Insulating material group   | I (CTI >= 600V)                |

### Available colors

|                |                       |
|----------------|-----------------------|
| green          | (similar to RAL 6032) |
| black          | (similar to RAL 9005) |
| light grey     | (similar to RAL 7035) |
| dark gray      | (similar to RAL 7040) |
| orange         | (similar to RAL 2003) |
| blue           | (similar to RAL 5012) |
| red            | (similar to RAL 3017) |
| another colors | (on demand)           |

## Technical drawing



## Derating curve

