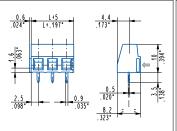
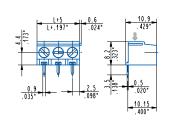
## **MSB**

# Traditional for wave soldering Suitable for reflow soldering

### Terminal blocks A







#### 0°, modular

MSB \_\_001 2 ÷ 25 poles, 5 mm / .197" pitch MSB \_\_002 1 ÷ 13 poles, 10 mm / .394" pitch MSB \_\_005 2 ÷ 25 poles, 5.08 mm / .200" pitch MSB \_\_006 1 ÷ 13 poles, 10.16 mm / .400" pitch

#### 90°, modular

MSB \_ 091 2 ÷ 25 poles, 5 mm / .197" pitch
MSB \_ 092 1 ÷ 13 poles, 10 mm / .394" pitch
MSB \_ 095 2 ÷ 25 poles, 5.08 mm / .200" pitch
MSB \_ 096 1 ÷ 13 poles, 10.16 mm / .400" pitch

#### General data

**Dimensional class:** low Standard colour: green

Pitches: metric 5 mm, 10 mm (.197 in, .394 in) imperial 5.08 mm, 10.16 mm (.200 in, .400 in)

Screw dimension:

Recommended/highest tightening torque: 0.5/0.6 Nm (4.42/5.31 lbf·in) PCB thickness: max. 2.4 mm (.094 in)

PCB hole diameter: min. 1.3 mm (.051 in) / 1.4 mm (.055 in) for "T" version

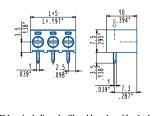
 $5 \div 6 \text{ mm } (.197 \div .24 \text{ in})$ Stripping length -40 °C ÷ +105 °C (-40 °F ÷ +221 °F) Operating temperature range

**Contact resistance** <15 mΩ

I (CTI ≥ 600V) Insulating material group: Self-extinguishing class UL94:

>109 \Omega (500V DC) Insulation resistance

# 020 039



#### 90° terminal aligned with cable entry, modular

MSB T01 2 ÷ 25 poles, 5 mm / .197" pitch MSB T02 1 ÷ 13 poles, 10 mm / .394" pitch MSB T05 2 ÷ 8 poles, 5.08 mm / .200" pitch MSB\_\_T06 1 ÷ 4 poles, 10.16 mm / .400" pitch

#### 90° terminal aligned with cable entry, side stackable

MSB TA1 2 ÷ 25 poles, 5 mm / .197" pitch
MSB TA2 2 ÷ 13 poles, 10 mm / .394" pitch
MSB TA5 2 ÷ 8 poles, 5.08 mm / .200" pitch MSB TA6 2 ÷ 4 poles, 10.16 mm / .400" pitch

UL (n. E167473) \*factory wiring - \*\*field wiring

300 V - 13.5 A (\*), 10 A (\*\*) - 30÷16 AWG - for 5 mm, 5.08 mm pitch 600 V - 13.5 A (\*), 10 A (\*\*) - 30÷16 AWG - for 10 mm and 10.16 mm pitch

#### VDE (n. 40022744)

250 V - 13.5 A - 1 mm<sup>2</sup> for 5 mm and 5.08 mm pitch 750 V - 13.5 A - 1 mm<sup>2</sup> for 10 mm and 10.16 mm pitch

 $250\ \text{V}$  -  $17.5\ \text{A}$  -  $1.5\ \text{mm}^2$  solid (13.5 A - 1 mm² stranded) for 5 mm and 5.08 mm pitch 750 V - 17.5 A - 1.5 mm<sup>2</sup> solid (13.5 A - 1 mm<sup>2</sup> stranded) for 10 mm and 10.16 mm pitch

#### CSA (n. LR102896)

300 V - 13.5 A - 30÷15 AWG for 5 mm, 5.08 mm pitch

600~V - 13.5~A -  $30 \dot{\div} 15~\text{AWG}$  for 10 mm and 10.16 mm pitch

Application values for end-use equipment have to be in accordance to norms and applicable to it. The certifications of some product's versions could be pending, for more detailed and updated data please refer to our web site www.sauro.net or your representative Sales Manager.

A higher number of poles is obtained by combining together modular parts.

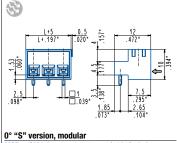


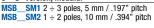


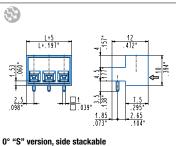




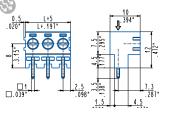


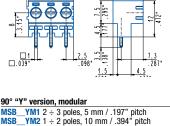




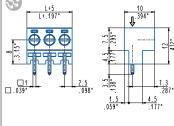


MSB \_\_SA1 2 ÷ 3 poles, 5 mm / .197" pitch MSB \_\_SA2 2 poles, 10 mm / .394" pitch

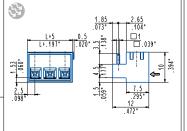




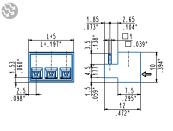
90° "Y" version, side stackable MSB \_\_YA1 2 ÷ 3 poles, 5 mm / .197" pitch MSB \_\_YA2 2 poles, 10 mm / .394" pitch







 $\begin{array}{lll} \textbf{0° "U" version, modular} \\ \hline \textbf{MSB} & \textbf{UM1} \ 2 \div 3 \ \text{poles, 5 mm} \ / \ .197" \ \text{pitch} \\ \hline \textbf{MSB} & \textbf{UM2} \ 1 \div 2 \ \text{poles, 10 mm} \ / \ .394" \ \text{pitch} \\ \end{array}$ 



MSB\_UA2 2 poles, 10 mm / .394" pitch