

 **STH for reflow soldering**

 **MSL1**



Terminal blocks

Your drawings and notes

Last release



General data

Dimensional class:	medium
Standard colour:	black
Pitches:	metric 5 mm, 7.5 mm, 10 mm (.197 in, .295 in, .394 in) imperial 7.62 mm (.300 in)
Screw dimension:	M3
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. 1.5 mm (.059 in)
Stripping length:	5.5 ÷ 6.5 mm (.22 ÷ .26 in)
Operating temperature range:	-40 °C ÷ +105 °C (-40 °F ÷ +221 °F)
Contact resistance:	<15 mΩ
Insulating material group:	I (CTI ≥ 600V)
Self-extinguishing class UL94:	V0
Insulation resistance:	>10 ⁹ Ω (500V DC)

Certifications

UL (n. E167473)

300 V - 17.5 A - 30÷12 AWG - for 5 mm, 7.5 mm and 7.62 mm pitch

600 V - 17.5 A - 30÷12 AWG - for 10 mm pitch

Data according to

IEC EN 60947-7-4

250 V - 24 A - 2.5 mm² - for 5 mm pitch

750 V - 24 A - 2.5 mm² - for 7.5 mm, 7.62 mm and 10 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.

