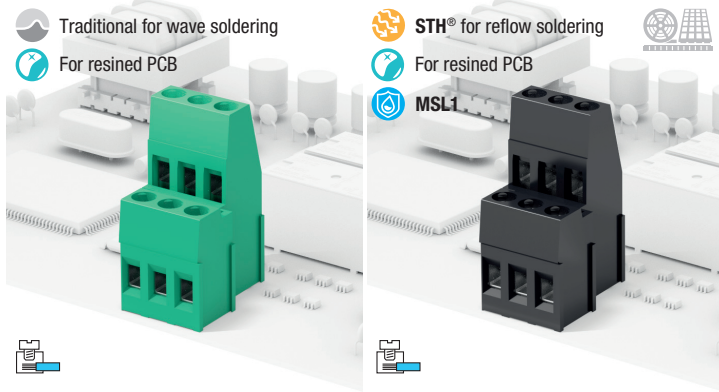


Traditional for wave soldering
For resined PCB

STH® for reflow soldering
For resined PCB
MSL1



General data

Dimensional class: high
Standard colour: green for wave soldering, black for reflow soldering
Pitches: metric 5 mm, 10 mm (.197 in, .394 in)
 imperial 5.08 mm, 10.16 mm (.200 in, .400 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. 1.4 mm (.055 in)
Stripping length: 6.5 ÷ 7 mm (.26 ÷ .28 in)
Operating temperature range: -40 °C ÷ +105 °C (-40 °F ÷ +221 °F)
STH operating temperature range: -40 °C ÷ +105 °C (-40 °F ÷ +221 °F)
Contact resistance: <15 mΩ
Insulation resistance: >10⁹ Ω (500V DC)
Insulating material group: I (CTI ≥ 600V)

Certifications

UL (n. E167473)
 300 V - 24 A (factory wiring), 20 A (field wiring) - 30÷12 AWG - 7 lbf-in for 5 mm, 5.08 mm pitch
 600 V - 24 A (factory wiring), 20 A (field wiring) - 30÷12 AWG - 7 lbf-in for 10 mm and 10.16 mm pitch
 Application values for end-use equipment have to be in accordance to UL norms and applicable to it.

VDE (n. 40022743)
 250 V - 24 A (20 A for "K" and "T" versions) - T 110 - 2.5 mm² for 5 mm and 5.08 mm pitch
 750 V - 24 A (20 A for "K" and "T" versions) - T 110 - 2.5 mm² for 10 mm and 10.16 mm pitch

IMQ (n. ED623)
 250 V - T 110 - 32 A - 4 mm² solid (24 A - 2.5 mm² stranded) for 5 mm and 5.08 mm pitch
 750 V - T 110 - 32 A - 4 mm² solid (24 A - 2.5 mm² stranded) for 10 mm and 10.16 mm pitch

CSA (n. LR102896)
 300 V - 24 A - 30÷11 AWG for 5 mm, 5.08 mm pitch
 600 V - 24 A - 30÷11 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

N.B.: For a higher number of poles, the product will be supplied already side-stacked.

<p>Medium tower modular PSQ_0M1* - 2 ÷ 8 poles, 5 mm / .197" pitch PSQ_0M2* - 1 ÷ 2 poles, 10 mm / .394" pitch PSQ_0M5** - 2 ÷ 3 poles, 5.08 mm / .200" pitch PSQ_0M6** - 1 ÷ 2 poles, 10.16 mm / .400" pitch *Single Mould Terminal Blocks / **Assembled Terminal Blocks</p>	<p>1st & 2nd levels modular PSQ_0D1* - 2 ÷ 3 poles, 5 mm / .197" pitch PSQ_0D2* - 1 ÷ 2 poles, 10 mm / .394" pitch PSQ_0D5** - 2 ÷ 3 poles, 5.08 mm / .200" pitch PSQ_0D6** - 1 ÷ 2 poles, 10.16 mm / .400" pitch PSQH_0D1-ON* - 2 ÷ 3 poles, 5 mm / .197" pitch PSQH_0D2-ON* - 1 ÷ 2 poles, 10 mm / .394" pitch PSQH_0D5-ON** - 2 ÷ 3 poles, 5.08 mm / .200" pitch PSQH_0D6-ON** - 1 ÷ 2 poles, 10.16 mm / .400" pitch *Single Mould Terminal Blocks / **Assembled Terminal Blocks</p>	<p>3 levels modular PSQ_0T1* - 2 ÷ 3 poles, 5 mm / .197" pitch PSQ_0T2* - 1 ÷ 2 poles, 10 mm / .394" pitch PSQ_0T5** - 2 ÷ 3 poles, 5.08 mm / .200" pitch PSQ_0T6** - 1 ÷ 2 poles, 10.16 mm / .400" pitch *Single Mould Terminal Blocks / **Assembled Terminal Blocks</p>
<p>High tower modular PSQ_0H1* - 2 ÷ 3 poles, 5 mm / .197" pitch PSQ_0H2* - 1 ÷ 2 poles, 10 mm / .394" pitch PSQ_0H5** - 2 ÷ 3 poles, 5.08 mm / .200" pitch PSQ_0H6** - 1 ÷ 2 poles, 10.16 mm / .400" pitch *Single Mould Terminal Blocks / **Assembled Terminal Blocks</p>	<p>2nd & 3rd levels modular PSQ_0K1* - 2 ÷ 3 poles, 5 mm / .197" pitch PSQ_0K2* - 1 ÷ 2 poles, 10 mm / .394" pitch PSQ_0K5** - 2 ÷ 3 poles, 5.08 mm / .200" pitch PSQ_0K6** - 1 ÷ 2 poles, 10.16 mm / .400" pitch *Single Mould Terminal Blocks / **Assembled Terminal Blocks</p>	<p>4 levels modular PSQ_0Q5** - 2 ÷ 14 poles, 5.08 mm / .200" pitch PSQ_0Q6** - 1 ÷ 12 poles, 10.16 mm / .400" pitch **Assembled Terminal Blocks</p>