

Traditional for wave soldering
For resined PCB

STH® for reflow soldering
For resined PCB
MSL1

General data

Dimensional class: low
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. 1.2 mm (.047 in) / 1.4 mm (.055 in) for STH® version
Stripping length: 5 ÷ 6 mm (.197 ÷ .24 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. E167474)
 300 V - 13.5 A (factory wiring), 10 A (field wiring)- 30÷16 AWG - 6 lbf-in for 5 mm, 5.08 mm
 600 V - 13.5 A (factory wiring), 10 A (field wiring)- 30÷16 AWG - 6 lbf-in for 10 mm and 10.16 mm pitch

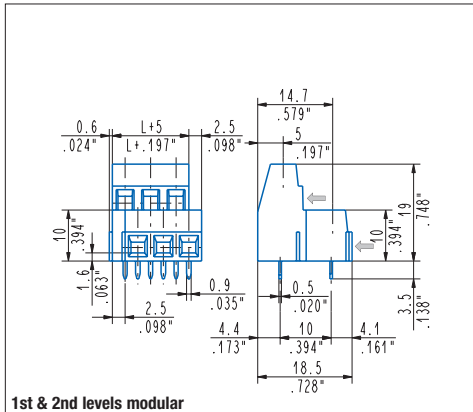
VDE (n. 40022743)
 250 V - 13.5 A (10 A for "T" and "K" versions) - T 110 - 1 mm² for 5 mm and 5.08 mm pitch
 750 V - 13.5 A (10 A for "T" and "K" versions) - T 110 - 1 mm² for 10 mm and 10.16 mm pitch

IMQ (n. ED624)
 250 V - T 110 - 17.5 A - 1.5 mm² solid (13.5 A - 1 mm² stranded) for 5 mm and 5.08 mm pitch
 750 V - T 110 - 17.5 A - 1.5 mm² solid (13.5 A - 1 mm² stranded) for 10 mm and 10.16 mm pitch

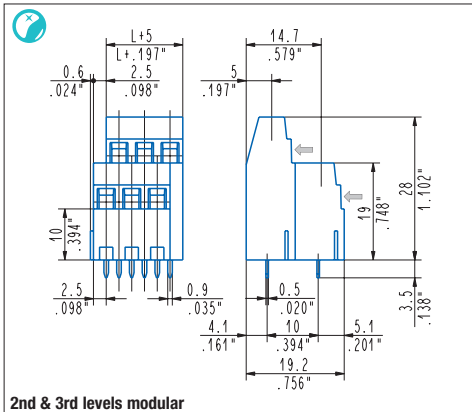
CSA (n. LR102896)
 300 V - 13.5 A - 30÷15 AWG for 5 mm, 5.08 mm
 600 V - 13.5 A - 30÷15 AWG for 10 mm and 10.16 mm pitch

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

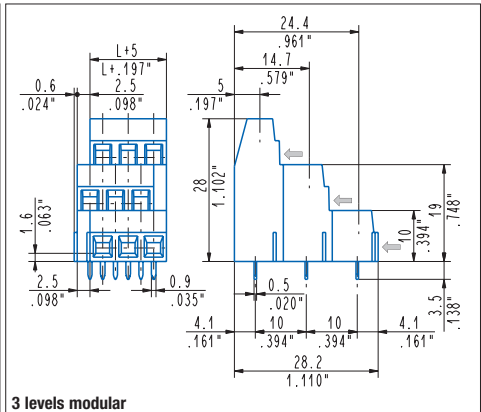
N.B.: For a higher number of poles, the product will be supplied already side-stacked.



1st & 2nd levels modular
PSB_0D1* - 2 ÷ 3 poles, 5 mm / .197" pitch
PSB_0D2* - 1 ÷ 2 poles, 10 mm / .394" pitch
PSB_0D5** - 2 ÷ 3 poles, 5.08 mm / .200" pitch
PSB_0D6** - 1 ÷ 2 poles, 10.16 mm / .400" pitch
PSBH_0D1-ON* - 2 ÷ 3 poles, 5 mm / .197" pitch
PSBH_0D2-ON* - 1 ÷ 2 poles, 10 mm / .394" pitch
PSBH_0D5-ON** - 2 ÷ 3 poles, 5.08 mm / .200" pitch
PSBH_0D6-ON** - 1 ÷ 2 poles, 10.16 mm / .400" pitch
 *Single Mould Terminal Blocks / **Assembled Terminal Blocks

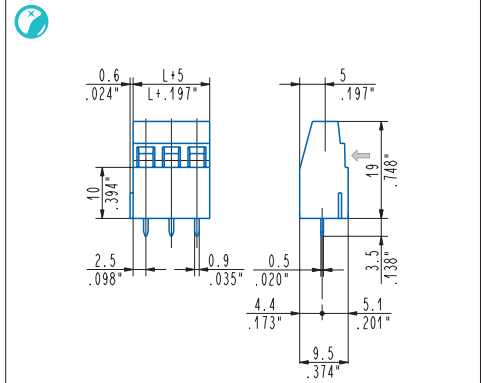


2nd & 3rd levels modular
PSB_0K1* - 2 ÷ 3 poles, 5 mm / .197" pitch
PSB_0K2* - 1 ÷ 2 poles, 10 mm / .394" pitch
PSB_0K5** - 2 ÷ 3 poles, 5.08 mm / .200" pitch
PSB_0K6** - 1 ÷ 2 poles, 10.16 mm / .400" pitch
PSBH_0K1-ON* - 2 ÷ 3 poles, 5 mm / .197" pitch
PSBH_0K2-ON* - 1 ÷ 2 poles, 10 mm / .394" pitch
PSBH_0K5-ON** - 2 ÷ 3 poles, 5.08 mm / .200" pitch
PSBH_0K6-ON** - 1 ÷ 2 poles, 10.16 mm / .400" pitch
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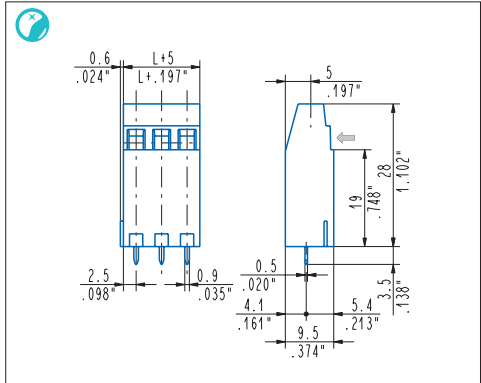


3 levels modular
PSB_0T1* - 2 ÷ 3 poles, 5 mm / .197" pitch
PSB_0T2* - 1 ÷ 2 poles, 10 mm / .394" pitch
PSB_0T5** - 2 ÷ 3 poles, 5.08 mm / .200" pitch
PSB_0T6** - 1 ÷ 2 poles, 10.16 mm / .400" pitch
PSBH_0T1-ON* - 2 ÷ 3 poles, 5 mm / .197" pitch
PSBH_0T2-ON* - 1 ÷ 2 poles, 10 mm / .394" pitch
PSBH_0T5-ON** - 2 ÷ 3 poles, 5.08 mm / .200" pitch
PSBH_0T6-ON** - 1 ÷ 2 poles, 10.16 mm / .400" pitch
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Distributed by:



Medium tower modular
PSB_0M1* - 2 ÷ 8 poles, 5 mm / .197" pitch
PSB_0M2* - 1 ÷ 4 poles, 10 mm / .394" pitch
PSB_0M5** - 2 ÷ 8 poles, 5.08 mm / .200" pitch
PSB_0M6** - 1 ÷ 4 poles, 10.16 mm / .400" pitch
PSBH_0M1-ON* - 2 ÷ 8 poles, 5 mm / .197" pitch
PSBH_0M2-ON* - 1 ÷ 4 poles, 10 mm / .394" pitch
PSBH_0M5-ON** - 2 ÷ 8 poles, 5.08 mm / .200" pitch
PSBH_0M6-ON** - 1 ÷ 4 poles, 10.16 mm / .400" pitch
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High tower modular
PSB_0H1* - 2 ÷ 3 poles, 5 mm / .197" pitch
PSB_0H2* - 1 ÷ 2 poles, 10 mm / .394" pitch
PSB_0H5** - 2 ÷ 3 poles, 5.08 mm / .200" pitch
PSB_0H6** - 1 ÷ 2 poles, 10.16 mm / .400" pitch
PSBH_0H1-ON* - 2 ÷ 3 poles, 5 mm / .197" pitch
PSBH_0H2-ON* - 1 ÷ 2 poles, 10 mm / .394" pitch
PSBH_0H5-ON** - 2 ÷ 3 poles, 5.08 mm / .200" pitch
PSBH_0H6-ON** - 1 ÷ 2 poles, 10.16 mm / .400" pitch
 *Single Mould Terminal Blocks / **Assembled Terminal Blocks

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