



General data

Dimensional class: high Standard colour: areen

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. 1.4 mm (.055 in) Stripping length: 6.5 ÷ 7 mm (.26 ÷ .28 in) -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:

Certifications

UL (n. E167473)

300 V - 24 A (factory wiring), 20 A (field wiring) - 30÷12 AWG - for 5 mm, 5.08 mm pitch 600 V - 24 A (factory wiring), 20 A (field wiring) - 30÷12 AWG - 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.

 $250 \text{ V} - 24 \text{ A} (20 \text{ A} - 1.5 \text{ mm}^2 \text{ for "K"} \text{ and "T" versions}) - 2.5 \text{ mm}^2 \text{ for 5 mm} \text{ and 5.08 mm pitch}$ 750 V - 24 A (20 A - 1.5 mm² for "K" and "T" versions) - 2.5 mm² for 10 mm and 10.16 mm pitch

IMQ (n. ED623)

250 V - 32 A - 4 mm² solid (24 A - 2.5 mm² stranded) for 5 mm and 5.08 mm pitch 750 V - 32 A - 4 mm² solid (24 A - 2.5 mm² stranded) for 10 mm and 10.16 mm pitch

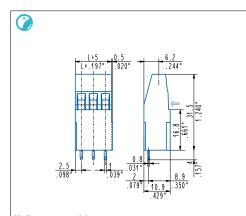
CSA (n. LR102896)

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.

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

Please refer to your representative Sales Manager for any information about the STH version of this

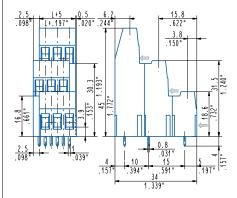


Medium tower modular

- 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

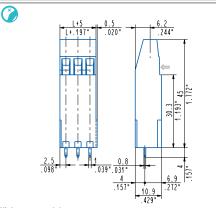
1st & 2nd levels modular

PSQ __OD1 - 2 + 3 poles, 5 mm / .197" pitch PSQ __OD2 - 1 + 2 poles, 10 mm / .394" pitch PSQ __OD5 - 2 + 3 poles, 5.08 mm / .200" pitch PSQ __OD6 - 1 + 2 poles, 10.16 mm / .400" pitch



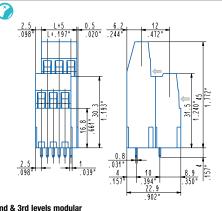
3 levels modular

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



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



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

