



Last release

General data

Dimensional class:	high
Standard colour:	green
Pitches:	metric 5 mm, 7.5 mm, 10 mm (.197 in, .295 in, .394 in) imperial 5.08, 7.62, 10.16 mm (.200, .300, .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)
Contact resistance:	<15 mΩ
Insulating material group:	I (CTI ≥ 600V)
Self-extinguishing class UL94:	VO
Insulation resistance:	>10 ⁹ Ω (500V DC)

Certifications

UL (n. E167473)

300 V - 24 A (factory wiring), 20 A (field wiring) - 30÷12 AWG - for 5 mm, 5.08 mm, 7.5 and 7.62 mm
600 V - 24 A (factory wiring), 20 A (field wiring) - 30÷12 AWG - for 10 mm and 10.16 mm pitch

VDE (n. 40022743)

250 V - 24 A - 2.5 mm² for 5 mm and 5.08 mm pitch
450 V - 24 A - 2.5 mm² for 7.5 mm and 7.62 mm pitch
750 V - 24 A - 2.5 mm² for 10 mm and 10.16 mm pitch

IMQ (n. EB731)

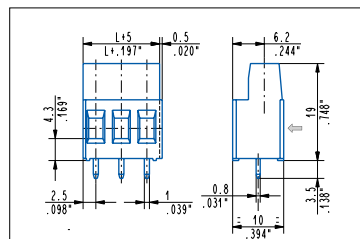
250 V - 32 A - 4 mm² solid (24 A - 2.5 mm² stranded) for 5 mm and 5.08 mm pitch
750 V - 32 A - 4 mm² solid (24 A - 2.5 mm² stranded) for 7.5 mm, 7.62 mm, 10 mm and 10.16 mm pitch

CSA (n. LR102896)

300 V - 24 A - 30÷11 AWG for 5 mm, 5.08 mm, 7.5 mm and 7.62 mm pitch
600 V - 24 A - 30÷11 AWG for 10 mm and 10.16 mm pitch

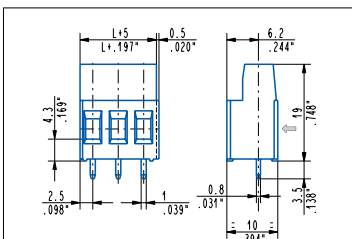
Application values for end-use equipment have to be in accordance to norms and applicable to it.
The certifications of some product's versions could be pending, for more detailed and updated data please refer to our web site www.sauro.net or your representative Sales Manager.

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



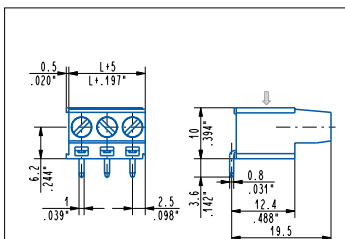
0°, modular

MSQ_001 - 2÷25 poles, 5 mm / .197" pitch
MSQ_003 - 2÷4 poles, 7.5 mm / .295" pitch
MSQ_002 - 1÷13 poles, 10 mm / .394" pitch
MSQ_005 - 2÷25 poles, 5.08 mm / .200" pitch
MSQ_007 - 2÷3 poles, 7.62 mm / .300" pitch
MSQ_006 - 1÷13 poles, 10.16 mm / .400" pitch



0°, modular, terminal aligned with the screw

MSQ_001-000T 2÷25 poles, 5 mm .197" pitch
MSQ_003-000T 2÷4 poles, 7.5 mm .295" pitch
MSQ_002-000T 1÷13 poles, 10 mm .394" pitch
MSQ_005-000T 2÷25 poles, 5.08 mm .200" pitch
MSQ_007-000T 2÷3 poles, 7.62 mm .300" pitch
MSQ_006-000T 1÷13 poles, 10.16 mm .400" pitch



90°, modular

MSQ_091 - 2÷25 poles, 5 mm / .197" pitch
MSQ_093 - 2÷4 poles, 7.5 mm / .295" pitch
MSQ_092 - 1÷13 poles, 10 mm / .394" pitch
MSQ_095 - 2÷25 poles, 5.08 mm / .200" pitch
MSQ_097 - 2÷3 poles, 7.62 mm / .300" pitch
MSQ_096 - 1÷13 poles, 10.16 mm / .400" pitch

