

Terminal blocks A



General data

Dimensional class: low Standard colour: areen

Pitches: metric 3.5 mm, 7 mm (.138 in, .275 in) imperial 3.81 mm, 7.62 mm (.150 in, .300 in)

Screw dimension:

Recommended/highest tightening torque: 0.2/0.25 Nm (1.77/2.21 lbf·in) PCB thickness: max. 2.4 mm (.094 in) PCB hole diameter: min. 1.1 mm (.043 in) Stripping length: 5÷6 mm (.197 in)

-40 °C ÷ +105 °C (-40 °F ÷ +221 °F) Operating temp. range:

Contact resistance: <15 mΩ >109 Ω (500V DC) Insulation resistance: Insulating material group: I (CTI \geq 600V)

Certifications

UL (n. E167473)

300 V - 12 A factory wiring (10 A field wiring) - 28÷16 AWG - 2.7 lbf in for for 3.5, 3.81, 7, 7.62 mm pitch

VDE (n. 40021761)

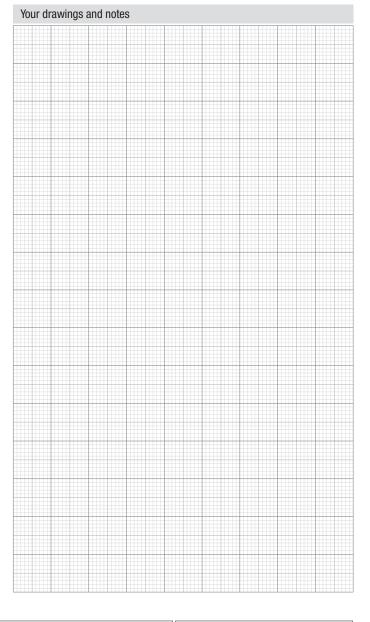
130 V - 12 A - T 110 - 1 mm² for 3.5 mm and 3.81 mm mm pitch 450 V - 12 A - T 110 - 1 mm2 for 7 mm and 7.62 mm pitch

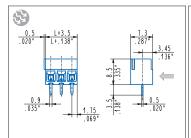
IMQ (n. CA02.00900)

130 V - T 110 - 17.5 A - 1.5 mm² solid (12 A - 1 mm² stranded) for 3.5 mm and 3.81 mm pitch 750 V - T 110 - 17.5 A - 1.5 mm² solid (12 A - 1 mm² stranded) for 7 mm and 7.62 mm pitch

300 V - 12 A - 30÷16 AWG 3.5 mm, 3.81 mm, 7 mm and 7.62 mm pitch

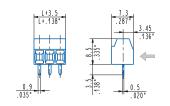
Application values for end-use equipment have to be in accordance to norms and applicable to it. The certifications of some product's versions could be pending, for more detailed and updated data please refer to our web site www.sauro.net or your representative Sales Manager





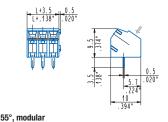
Straight, modular

MTB_0M8 2 ÷ 12 poles, 3.5 mm / .138" pitch
MTB_0M9 1 ÷ 6 poles, 7 mm / .276" pitch
MTB_0MT 2 ÷ 12 poles, 3.81 mm / .150" pitch
MTB_0MT 1 ÷ 6 poles, 7.62 mm / .300" pitch

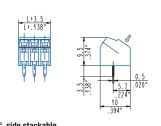


Straight, side stackable

MTB__008 2 ÷ 25 poles, 3.5 mm / .138" pitch MTB__009 2 ÷ 13 poles, 7 mm / .276" pitch MTB__007 2 ÷ 13 poles, 7.62 mm / .150" pitch MTB__007 2 ÷ 13 poles, 7.62 mm / .300" pitch

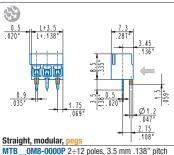


MTB__048 2 ÷ 25 poles, 3.5 mm / .138" pitch MTB__049 1 ÷ 13 poles, 7 mm / .276" pitch



55°, side stackable

MTB__068 2 ÷25 poles, 3.5 mm / .138" pitch MTB__069 2 ÷ 13 poles, 7 mm / .276" pitch



 Straight, modular, pegs
 .108"

 MTB
 .0M8-0000P 2÷12 poles, 3.5 mm .138" pitch

 MTB
 .0M9-0000P 1÷6 poles, 7 mm .276" pitch

 MTB
 .0MT-0000P 2÷12 poles, 3.81 mm .150" pitch

 MTB__0M7-0000P 1÷6 poles, 7.62 mm .300" pitch

