



Your drawings and notes

General data

Dimensional class: medium Standard colour: black

Pitches: metric 5 mm, 7.5 mm, 10 mm (.197 in, .295 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. 1.5 mm (.059 in) 5.5 ÷ 6.5 mm (.22 ÷ .26 in) Stripping length: -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) *factory wiring - **field wiring

300 V - 17.5 A (*), 15A (**) - 30÷14 AWG - for 5 mm, 5.08 mm, 7.5 mm 600 V - 17.5 A (*), 15A (**) - 30÷14 AWG - for 10 mm and 10.16 mm pitch

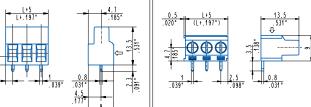
Data according to

IEC EN 60947-7-4

250 V - 24 A - 2.5 mm² solid (17.5 A - 1.5 mm² stranded) for 5 mm and 5.08 mm pitch 750 V - 24 A - 2.5 mm² solid (17.5 A - 1.5 mm² stranded) for 7.5 mm, 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.



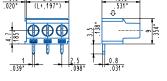
0°, modular

MSGH OM5-0N 2+5 poles, 5 mm / .197" pitch
MSGH OM3-0N 2+6 poles, 7.5 mm / .295" pitch
MSGH OM2-0N 1+3 poles, 10 mm / .394" pitch
MSGH OM5-0N 2+12 poles, 5.08 mm / .200" pitch
MSGH OM6-0N 1+6 poles, 10.16 mm / .400" pitch

0°, side stackable

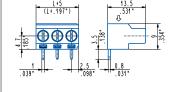
MSGH OA1-0N 2+5 poles, 5 mm / .197" pitch MSGH 0A3-0N 2+6 poles, 7.5 mm / .295" pitch MSGH 0A2-0N 2+3 poles, 10 mm / .394" pitch MSGH 0A5-0N 2+12 poles, 5.08 mm / .200" pitch

MSGH__0A6-0N 2÷6 poles, 10.16 mm / .400" pitch



90°, modular

MSGH 9M1-0N 2÷5 poles, 5 mm / .197" pitch MSGH 9M3-0N 2÷6 poles, 7.5 mm / .295" pitch MSGH 9M2-0N 1÷3 poles, 10 mm / .394" pitch MSGH 9M5-0N 2÷12 poles, 5.08 mm / .200" pitch MSGH 9M6-0N 1÷6 poles, 10.16 mm / .400" pitch



90°, side stackable

MSGH_9A1-0N 2÷5 poles, 5 mm / .197" pitch
MSGH_9A3-0N 2÷6 poles, 7.5 mm / .295" pitch
MSGH_9A2-0N 2÷3 poles, 10 mm / .394" pitch
MSGH_9A5-0N 2÷12 poles, 5.08 mm / .200" pitch
MSGH_9A6-0N 2÷6 poles, 10.16 mm / .400" pitch

