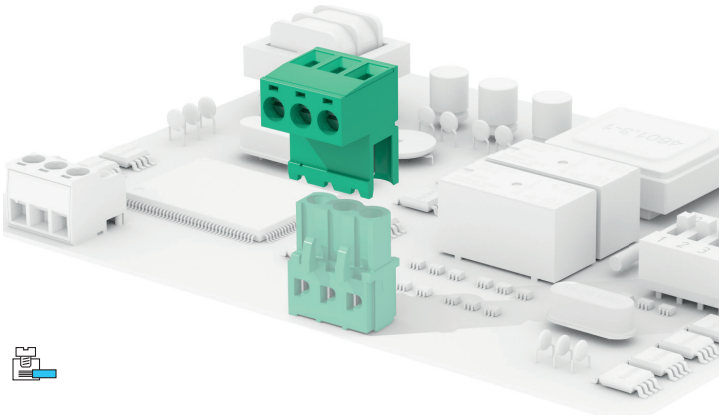
CGM



General data

Dimensional class:	Medium
Standard colour:	green
Pitches:	metric 5, 7.5, 10 mm (.197, .295, .394 in) imperial 5.08, 7.62, 10.16 in (.200, .300, .400 in)
Screw dimension:	M3
Insertion force per pole:	max 3 N (.674 lbf)
Withdrawal force per pole:	min 1,5 N (.337 lbf)
Recommended/Highest tightening torque:	0.5/0.6 Nm (4.42/5.3 lbf·in)
Stripping length:	6 ÷ 7.5 mm (.24 ÷ .30 in)
Operating temperature range:	-40 °C ÷ +105 °C (-40 °F ÷ +221 °F)
Contact resistance:	<15 mΩ
Insulation resistance:	>10^9 Ω (500V DC)
Insulating material group:	I (CTI ≥ 600V)

Certifications

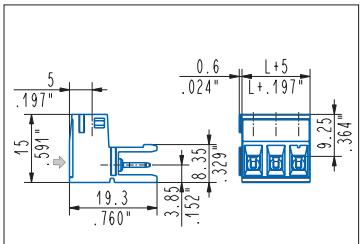
UL (n. E167473)
300 V - 15 A - 30÷12 AWG - 7 lbf·in or 5 mm, 5.08 mm, 7.5 mm and 7.62 mm pitch
600 V - 15 A - 30÷12 AWG - 7 lbf·in or 10 mm and 10.16 mm pitch

VDE (n. 40027448)
250 V - 16 A - 2.5 mm² - T100 - 2,5kV - 2 for 5 mm and 5.08 mm pitch
500 V - 16 A - 2.5 mm² - T100 - 4kV - 2 for 7.5 mm and 7.62 mm pitch
750 V - 16 A - 2.5 mm² - T100 - 6kV - 2 for 10 mm and 10.16 mm pitch

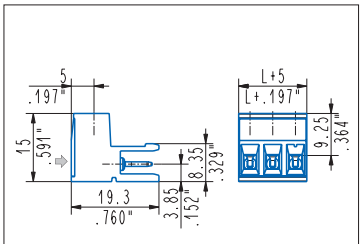
IMQ (n. EM672)
300 V - 12 A - 2.5 mm² - T110 - 4kV - III/2 for 5 mm and 5.08 mm pitch
600 V - 12 A - 2.5 mm² - T110 - 6kV - III/2 for 7.5 mm and 7.62 mm pitch
1000 V - 12 A - 2.5 mm² - T110 - 8kV - III/2 for 10 mm and 10.16 mm pitch

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

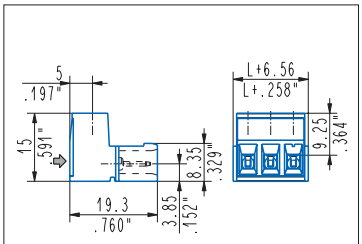
Your drawings and notes



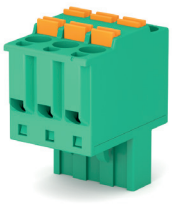
Modular male
CGM__0M1 - 2 ÷ 18 poles, 5 mm / .197" pitch
CGM__0M3 - 2 ÷ 3 poles, 7.5 mm / .295" pitch
CGM__0M2 - 1 ÷ 9 poles, 10 mm / .394" pitch
CGM__0M5 - 2 ÷ 3 poles, 5.08 mm / .200" pitch
CGM__0M7 - 2 ÷ 3 poles, 7.62 mm / .300" pitch
CGM__0M6 - 1 ÷ 2 poles, 10.16 mm / .400" pitch



Side stackable male
CGM__0A1 - 2 ÷ 18 poles, 5 mm / .197" pitch
CGM__0A3 - 2 ÷ 3 poles, 7.5 mm / .295" pitch
CGM__0A2 - 2 ÷ 9 poles, 10 mm / .394" pitch
CGM__0A5 - 2 ÷ 3 poles, 5.08 mm / .200" pitch
CGM__0A7 - 2 ÷ 3 poles, 7.62 mm / .300" pitch
CGM__0A6 - 2 poles, 10.16 mm / .400" pitch



Polarized male
CGM__0P1 - 2 ÷ 18 poles, 5 mm / .197" pitch
CGM__0P3 - 2 ÷ 12 poles, 7.5 mm / .295" pitch
CGM__0P2 - 2 ÷ 9 poles, 10 mm / .394" pitch
CGM__0P5 - 2 ÷ 3 poles, 5.08 mm / .200" pitch
CGM__0P7 - 2 ÷ 12 poles, 7.62 mm / .300" pitch
CGM__0P6 - 2 poles, 10.16 mm / .400" pitch

Usable with:

CIF	CVF	CCF	CCF double	CGF	CGFH
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