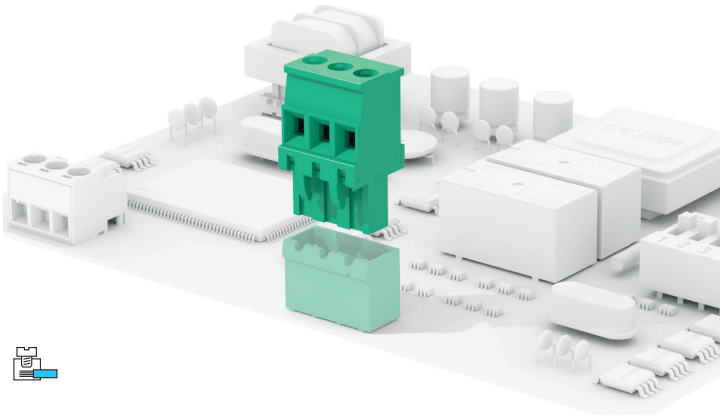
CVF



General data

Dimensional class:	medium
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
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 - 7lbf·in for 5 mm, 5.08 mm, 7.5 mm and 7.62 mm pitch
600 V - 15 A - 30÷12 AWG - 7lbf·in for 10 mm and 10.16 mm pitch

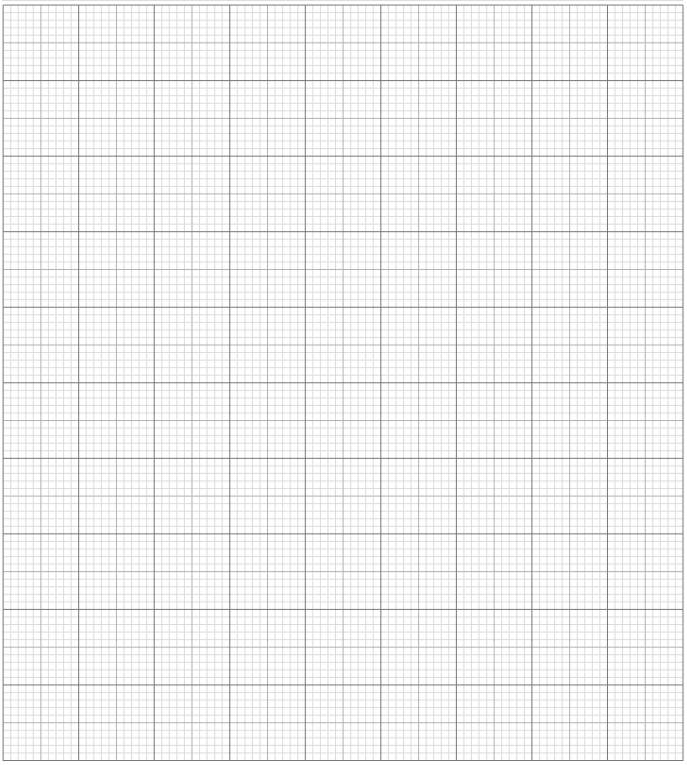
VDE (n. 40027448)
250 V - 16 A - 2.5 mm² - T100 - 2.5kV - 2 for 5 mm and 5.08 mm pitch
500 V - 16 A - 2.5 mm² - T100 - 4kV - 2 for 7.5 mm and 7.62 mm pitch
750 V - 16 A - 2.5 mm² - T100 - 6kV - 2 for 10 mm and 10.16 mm pitch

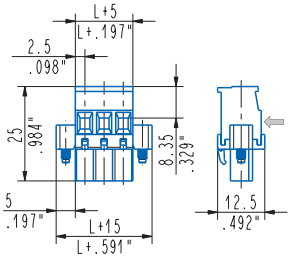
IMQ (n. EM672)
300 V - 12 A - 2.5 mm² - T110 - 4kV - III/2 - 2.5 mm² for 5 mm and 5.08 mm pitch
600 V - 12 A - 2.5 mm² - T110 - 8kV - III/2 - 2.5 mm² for 7.5 mm and 7.62 mm pitch
1000 V - 12 A - 2.5 mm² - T110 - 8kV - III/2 - 2.5 mm² for 10 mm and 10.16 mm pitch

CSA (n. LR102896)
300 V - 15 A - 30÷12 AWG for 5 mm, 5.08 mm, 7.5 mm and 7.62 mm pitch
600 V - 15 A - 30÷12 AWG for 10 mm and 10.16 mm pitch

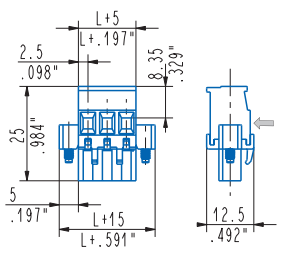
Application values for end-use equipment have to be in accordance to norms and applicable to it. The certifications of some product's versions could be pending, for more detailed and updated data please refer to our web site **www.sauro.net** or your representative Sales Manager

Your drawings and notes

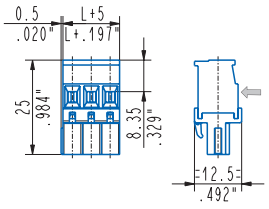




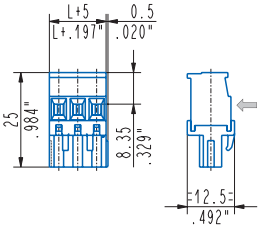
Left, locking screw flanges, female
CVF__0S1 - 2 ÷ 8 poles, 5 mm / .197" pitch
CVF__0S2 - 2 ÷ 4 poles, 10 mm / .394" pitch
CVF__0S5 - 2 ÷ 23 poles, 5.08 mm / .200" pitch
CVF__0S7 - 2 ÷ 12 poles, 7.62 mm / .300" pitch
CVF__0S6 - 2 ÷ 12 poles, 10.16 mm / .400" pitch



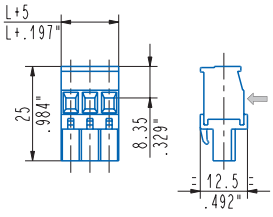
Right, locking screw flanges, female
CVF__0D1 - 2 ÷ 8 poles, 5 mm / .197" pitch
CVF__0D2 - 2 ÷ 4 poles, 10 mm / .394" pitch
CVF__0D5 - 2 ÷ 23 poles, 5.08 mm / .200" pitch
CVF__0D7 - 2 ÷ 12 poles, 7.62 mm / .300" pitch
CVF__0D6 - 2 ÷ 12 poles, 10.16 mm / .400" pitch



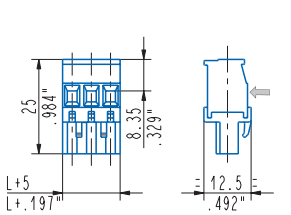
Left, modular, female
CVF__0W1 - 2 ÷ 25 poles, 5 mm / .197" pitch
CVF__0W2 - 1 ÷ 13 poles, 10 mm / .394" pitch
CVF__0W5 - 2 ÷ 25 poles, 5.08 mm / .200" pitch
CVF__0W6 - 1 ÷ 13 poles, 10.16 mm / .400" pitch



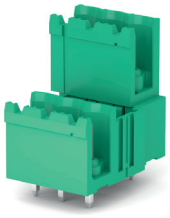
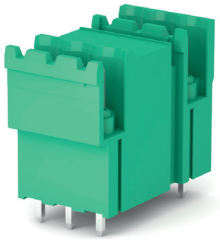
Right, modular, female
CVF__0M1 - 2 ÷ 25 poles, 5 mm / .197" pitch
CVF__0M2 - 1 ÷ 13 poles, 10 mm / .394" pitch
CVF__0M5 - 2 ÷ 25 poles, 5.08 mm / .200" pitch
CVF__0M6 - 1 ÷ 13 poles, 10.16 mm / .400" pitch



Left, side stackable, female
CVF__0L1 - 2 ÷ 25 poles, 5 mm / .197" pitch
CVF__0L3 - 2 ÷ 12 poles, 7.5 mm / .295" pitch
CVF__0L2 - 2 ÷ 13 poles, 10 mm / .394" pitch
CVF__0L5 - 2 ÷ 25 poles, 5.08 mm / .200" pitch
CVF__0L7 - 2 ÷ 12 poles, 7.62 mm / .300" pitch
CVF__0L6 - 2 ÷ 13 poles, 10.16 mm / .400" pitch



Right, side stackable, female
CVF__0R1 - 2 ÷ 25 poles, 5 mm / .197" pitch
CVF__0R3 - 2 ÷ 12 poles, 7.5 mm / .295" pitch
CVF__0R2 - 2 ÷ 13 poles, 10 mm / .394" pitch
CVF__0R5 - 2 ÷ 25 poles, 5.08 mm / .200" pitch
CVF__0R7 - 2 ÷ 12 poles, 7.62 mm / .300" pitch
CVF__0R6 - 2 ÷ 13 poles, 10.16 mm / .400" pitch

Usable with:

CIM	CIMH	CPM	CPMH	CRM	CIMH normo	CGM
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