



# CLIMA-100

## Universal Automotive Climate Controller

Provides: User interface, driving loads, real-time controls, and car communications interface

	Standard	Optional	
CAN Bus	•		1x High Speed CAN : up to 1Mbit / s
Internal Memory	•		512k byte program 8 Mb E <sup>2</sup> PROM
8 Switch Inputs	•		8 Interruptable Capable Inputs (0-12v) or 0 - 5V Analog Input
Serial Interface	•		1 Serial RS-232 for application debugging
3 LED Drivers	•		3 12V High Side Output drivers
Temperature Sensors Inputs	•		6 NTC Analog Type Inputs
8 PWM Outputs ( Fan, Pumps, Solenoids, Heaters etc..)	•		Qty 2 >10 Amp Loads Qty 4 4 Amp Loads Qty 2 Spare
Battery Backed Real Time Clock		•	Via on-board Lithium Cell
Custom Design Application Software		•	Basic Development System Available with custom application library and OS.
60-Way Cinch Connector	•	•	12Volt Operation, -40 to 85C Temp. Range 186 x 177 x 56 mm IP-67 Sealed Vibration 10 to 2k HZ with 15G peak level Salt Spray 96 Hours

### Contact Information

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Disclaimer: Application and environmental data must be verified by end user/customer.

Si-Gate GmbH shall not be held liable for any improper usage.

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