

Partner:

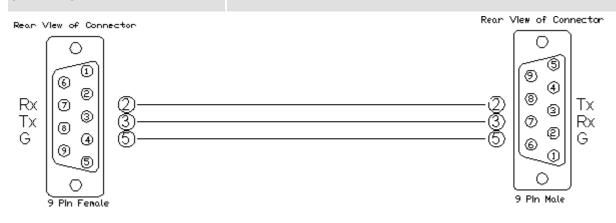
Model:

Certified Module

Cool Automation CM5 **Device Type: HVAC**



GENERAL INFORMATION SIMPLWINDOWS NAME: CoolAutomation CoolMaster NET CoreModule v1.0.umc CATEGORY: HVAC VERSION: 1 SUMMARY: **GENERAL NOTES:** Suits generation 2 and 3 Crestron controllers C2I-COM, ST-COM, C2-COM-* or CNX-COM2, any Crestron controller with 2-way **CRESTRON HARDWARE REQUIRED:** RS232 port or LAN RS232 Baud:9600 Parity: None Data Bits: 8 SETUP OF CRESTRON HARDWARE: Stop Bits: 1 LAN: **TCP/IP** Client (default port is 10102) **VENDOR FIRMWARE:** 0.0.7 **VENDOR SETUP:** CABLE DIAGRAM:



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Certified Module

Model:	Cool CM5 HVA	CERTIFIED INTEGRATED PARTNER
CONTROL:		
Line_1_ALL_Units_ON_Press	D	Pulse to turn ALL units on Line 1 ON
Line_1_ALL_Units_OFF_Press	D	Pulse to turn ALL units on Line 1 OFF
Line_2_ALL_Units_ON_Press	D	Pulse to turn ALL units on Line 2 ON
Line_2_ALL_Units_OFF_Press	D	Pulse to turn ALL units on Line 2 OFF
Line_4_ALL_Units_ON_Press	D	Pulse to turn ALL units on Line 4 ON
Line_4_ALL_Units_OFF_Press	D	Pulse to turn ALL units on Line 4 OFF
Line_5_ALL_Units_ON_Press	D	Pulse to turn ALL units on Line 5 ON
Line_5_ALL_Units_OFF_Press	D	Pulse to turn ALL units on Line 5 OFF
Line_6_ALL_Units_ON_Press	D	Pulse to turn ALL units on Line 6 ON
Line_6_ALL_Units_OFF_Press	D	Pulse to turn ALL units on Line 6 OFF
Line_7_ALL_Units_ON_Press	D	Pulse to turn ALL units on Line 7 ON
Line_7_ALL_Units_OFF_Press	D	Pulse to turn ALL units on Line 7 OFF
HVAC_Celsius/Fahrenheit_Toggle_Pres	s D	Pulse to toggle between Celsius and Fahrenheit states.
Poll_Enable	D	Remain high to poll all the units every Poll TIME. Polling the system doesn't affects other commands. While a command should be sent the polling process will stop immediately. Poll TIME can be set in the parameters field.
Initialize	D	Pulse to synchronize the state of all signals with the real state of all units.
fromModules	S	Serial data signal to be routed from thermostat module.
fromCoolMaster	S	Serial data signal to be routed from a 2 way com port or TCP/IP Client.

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Certified Module

Partner: Model: Device Type: Cool Automation CM5 HVAC



PARAMETERS:		
Poll TIME	т	TIME parameter representing the poll time (e.g.: 60s will cause the program to send poll command every 60 seconds.). It is recommended to set the Poll TIME to at least 120s in order to reduce the network traffic. After every command sent to CoolMaster the module will also execute status request command. That makes polling the entire HVAC system every short time kind of unnecessary.

FEEDBACK:				
HVAC_Fahrenheit_fbck	D	Latches high to indicate that degrees are in Fahrenheit format.		
toModules	S	Serial data signal to be routed to thermostat module.		
toCoolMaster	S	Serial data signal to be routed to a 2 way com port or TCP/IP Client.		

TESTING:	
OPS USED FOR TESTING:	
SIMPL WINDOWS USED FOR TESTING:	4.02.52
DEVICE DB USED FOR TESTING:	58.05.002.00
CRES DB USED FOR TESTING:	47.00.003.00
SYMBOL LIBRARY USED FOR TESTING:	901
SAMPLE PROGRAM:	CoolAutomation CoolMaster NET v1.0 Demo MC3
REVISION HISTORY:	v1.0 – Initial Release

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