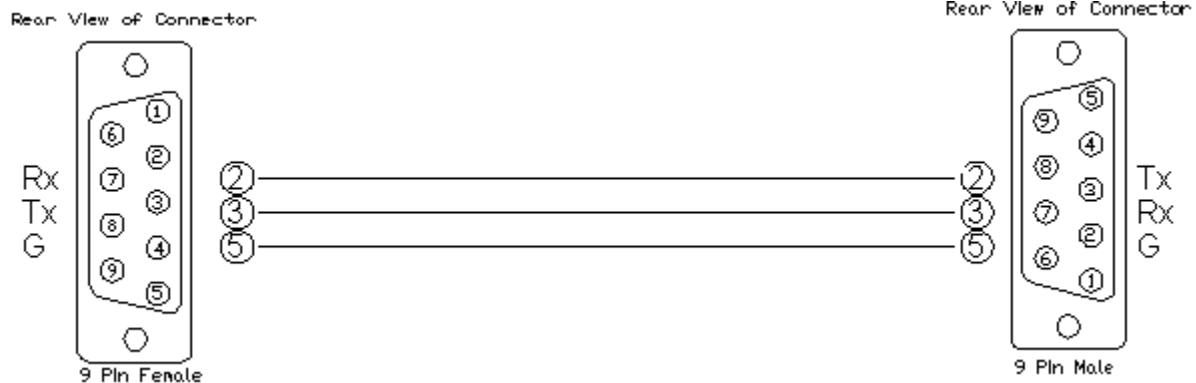


Partner: Cool Automation
Model: CM5
Device Type: HVAC



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
CRESTRON HARDWARE REQUIRED:	C2I-COM, ST-COM, C2-COM-* or CNX-COM2, any Crestron controller with 2-way RS232 port or LAN
SETUP OF CRESTRON HARDWARE:	RS232 Baud:9600 Parity: None Data Bits: 8 Stop Bits: 1 LAN: TCP/IP Client (default port is 10102)
VENDOR FIRMWARE:	0.0.7
VENDOR SETUP:	
CABLE DIAGRAM:	



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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
Line_8_ALL_Units_ON_Press	D	Pulse to turn ALL units on Line 8 ON
Line_8_ALL_Units_OFF_Press	D	Pulse to turn ALL units on Line 8 OFF
HVAC_Celsius/Fahrenheit_Toggle_Press	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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PARAMETERS:

Poll TIME	T	<p>TIME parameter representing the poll time (e.g.: 60s will cause the program to send poll command every 60 seconds.).</p> <p>It is recommended to set the Poll TIME to at least 120s in order to reduce the network traffic.</p> <p>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.</p>
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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