



COOLAUTOMATION
THE INTERNET OF CLIMATE (IoC)

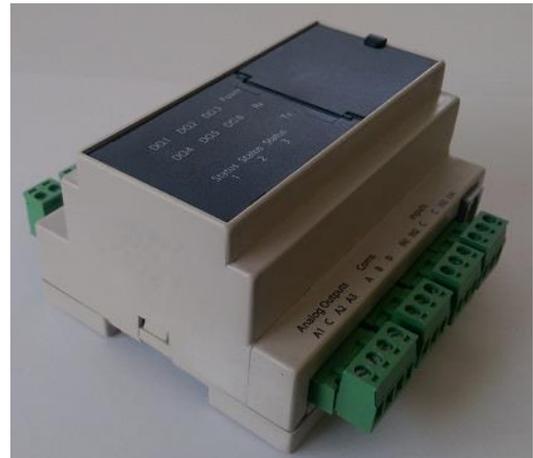
Datasheet: GS539-FC-24V

Smart Fan Coil Controller

Job Name:		Location:	
Purchaser:			
Engineer:			
Submitted To:		For	Reference Approval Construction
Submitted By:		Date:	
Unit Designation:	Schedule #:	Model No.:	

Features:

- Din rail mounting
- Detachable connectors
- I/O and communication LED indication
- Selectable fan type and cool/heat outputs
- Modbus RTU network interface
- Each unit is separately displayed/controlled in Cloud Apps



Power

Power Supply:	24 VAC
Power Consumption:	6A (Including Fan)

Operating Conditions

Surrounding Temperature Limits:	-10° C to +50° C +14 F to +122 F
Humidity (%)	0% to 70%
Dimensions (H x W x D) (inches/mm)	0.75 x 7.8 x 4.72 / 19 x 210 x 120
Weight (lbs/kg)	0.26/0.12
Maximum PBUS wiring length (ft/m)	2600/800

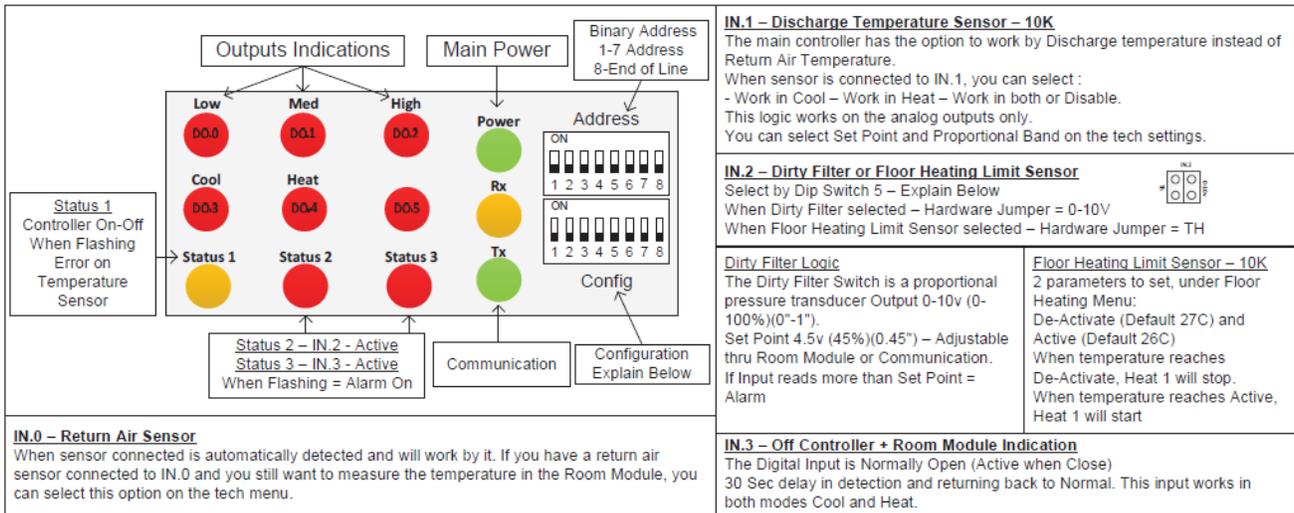
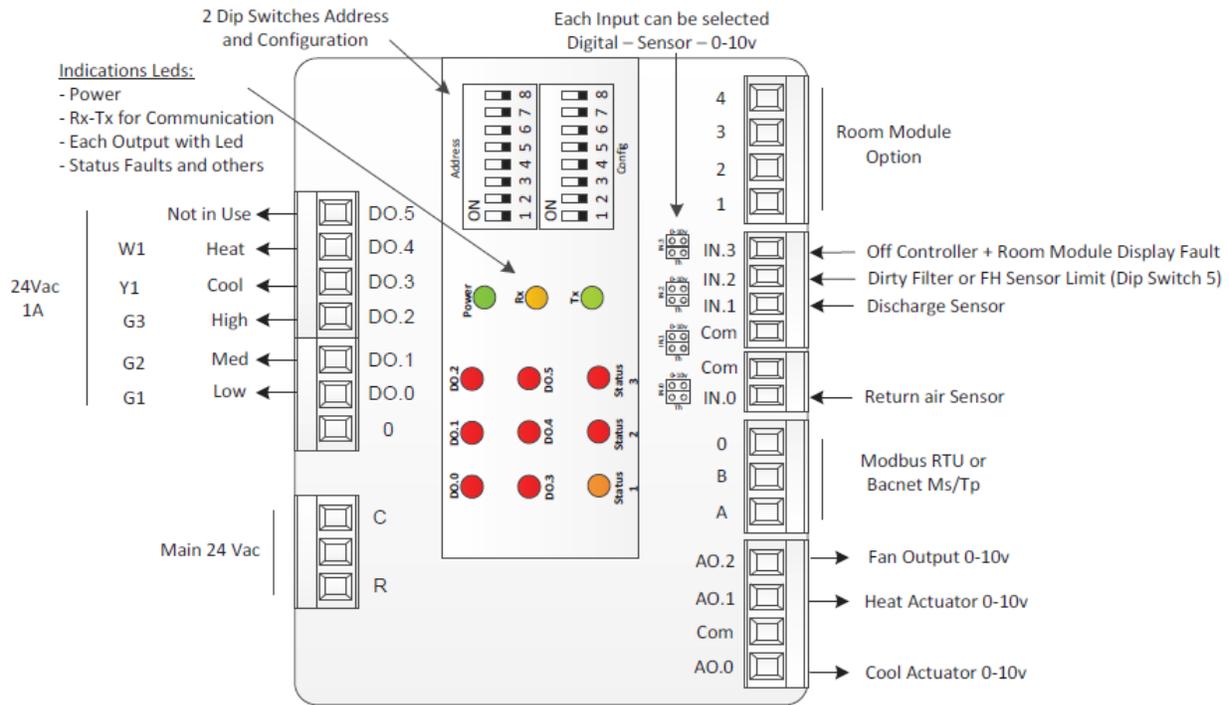
Communication and connectivity

RS485	2 wire, shielded, polarized, twisted pair 20-24 AWG
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CoolAutomation products are subject to continuous improvements. CoolAutomation reserves the right to modify product design, specifications and information in this datasheet without notice and without incurring any obligations.

Detailed drawing:

Main Controller – GS539-FC-24Vac



Dip Switch Config – 1	Dip Switch Config		Dip Switch Config – 5
Protocol selection Modbus RTU or BACnet Ms/Tp Need reset power after change	OFF	ON	IN.2 – Selection Dirty Filter or Floor Heating Limit Make sure to change hardware jumper
Dip Switch Config – 2 and 3 Baud Rate Selection in Modbus	Modbus RTU <input checked="" type="checkbox"/>	BACnet Ms/Tp <input type="checkbox"/>	Dip Switch Config – 6 Not is Use
9600 19200 38400 76800	Baud Rate <input type="checkbox"/>	Baud Rate <input type="checkbox"/>	Dip Switch Config – 7 Not is Use
2 - Off On Off On	Baud Rate <input checked="" type="checkbox"/>	Baud Rate <input type="checkbox"/>	Dip Switch Config – 8 Not is Use
3 - Off Off On On	Not In Use <input checked="" type="checkbox"/>	Not In Use <input type="checkbox"/>	
BACnet Baud Rate is Auto Detect	Dirty Filter <input type="checkbox"/>	FH Limit <input type="checkbox"/>	
Dip Switch Config – 4 Not is Use	Not In Use <input type="checkbox"/>	Not In Use <input type="checkbox"/>	
	Not In Use <input type="checkbox"/>	Not In Use <input type="checkbox"/>	

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