



COOLAUTOMATION
THE INTERNET OF CLIMATE (IoC)

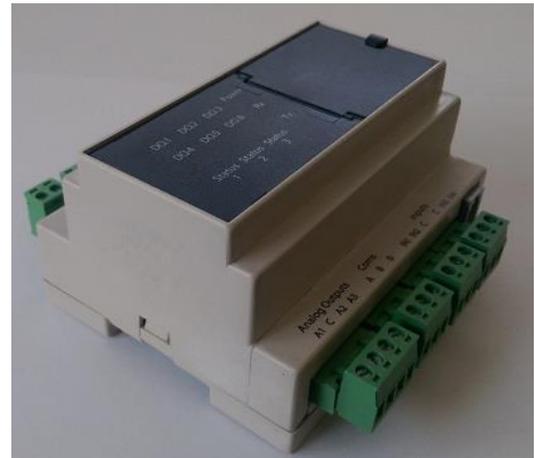
Datasheet: GS539-FC-230V

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:	230 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

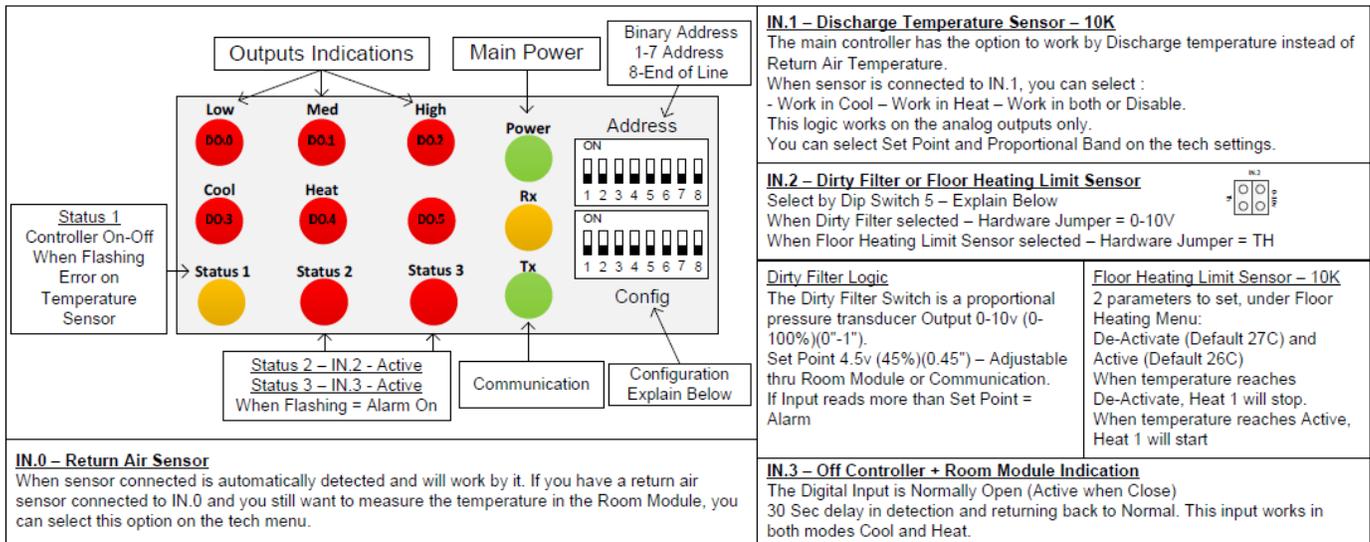
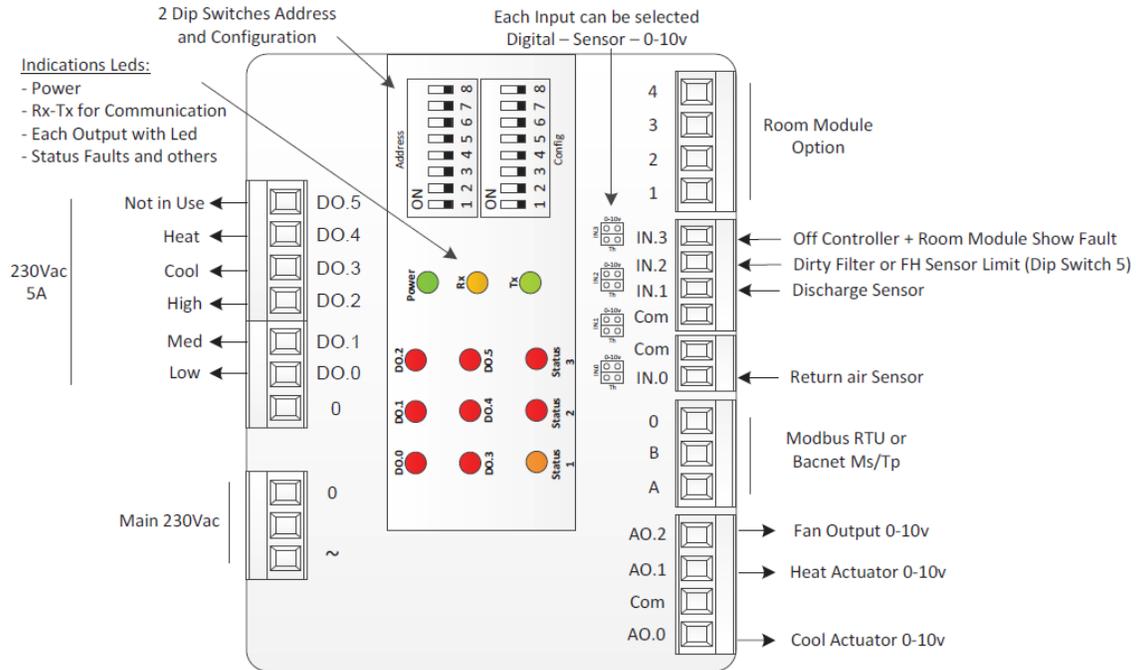
Communication and connectivity

RS485	2 wire, shielded, polarized, twisted pair 20-24 AWG
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Detailed drawing:

Main Controller – GS539-FC-230Vac



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

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