

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.: | | | |
| | | | | | |
| Purchaser: Engineer: Submitted To: Submitted By: | Schedule #: | For Date: | Reference | Approval | Constructic |

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

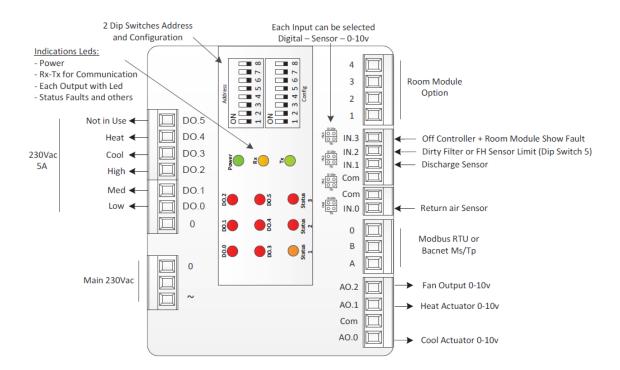


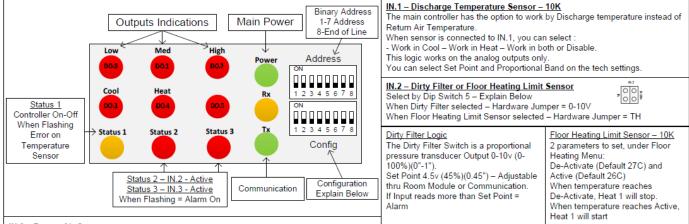
| Power | | |
|--------------------------------------|---|--|
| Power Supply: | 230 VAC | |
| Power Consumption: | 6A (Including Fan) | |
| | | |
| Operating Conditions | | |
| Surrounding | -10° C to +50° C | |
| Temperature Limits: | +14 F to +122 F | |
| Humidity (%) | 0% to 70% | |
| Dimensions (H x W x D) | 0.75 x 7.8 x 4.72 / | |
| (inches/mm) | 19 x 210 x 120 | |
| Weight (lbs/kg) | 0.26/0.12 | |
| Maximum PBUS wiring length (ft/m) | S wiring 2600/800 | |
| Communication and co | nnectivity | |
| RS485 | 2 wire, shielded, polarized, twisted pair 20- 24 AWG | |

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Detailed drawing:

Main Controller – GS539-FC-230Vac





IN.0 - Return Air Sensor

When sensor connected is automatically detected and will work by it. If you have a return air sensor connected to IN.0 and you still want to measure the temperature in the Room Module, you can select this option on the tech menu. IN.3 – Off Controller + Room Module Indication The Digital Input is Normally Open (Active when Close) 30 Sec delay in detection and returning back to Normal. This input works in both modes Cool and Heat.

| Dip Switch Config | | | Dip Switch Config – 5 IN.2 – Selection | |
|-------------------|---|---|--|--|
| i i | _ | BACnet Ms/Tp | Dirty Filter or Floor Heating Limit Make sure to change hardware jumper | |
| Baud Rate | 2 | Baud Rate | Dip Switch Config – 6 Not is Use | |
| Baud Rate | 3 | Baud Rate | | |
| Not In Use | 4 | Not In Use | 110115 036 | |
| Dirty Filter | 5 | FH Limit | Dip Switch Config – 7 | |
| Not In Use | 9 | Not In Use | Not is Use | |
| Not In Use | 7 | Not In Use | Dip Switch Config – 8 Not is Use | |
| Not In Use | 8 | Not In Use | | |
| | O Modbus RTU Baud Rate Baud Rate Not In Use Dirty Filter Not In Use Not In Use | OFF O Modbus RTU 1 Baud Rate 2 Baud Rate 3 Not In Use 4 Dirty Filter 5 Not In Use 6 Not In Use 7 | OFF ON Modbus RTU BACnet Ms/Tp Baud Rate Baud Rate Baud Rate Baud Rate 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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