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Technology

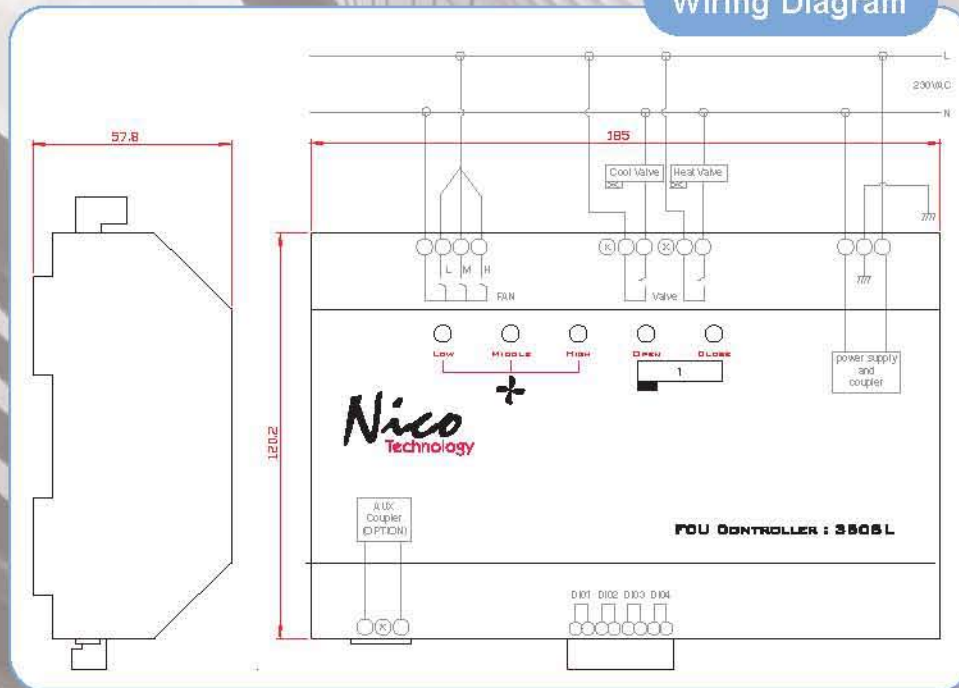
## Fan Coil Unit

The 3505L FCU controller is a distributed digital controller with an on-board microcomputer designed for use in climate control system FCU control applications. The FCU controller can perform FCU control and temperature control (Fan control and valve control).





**Wiring Diagram**



**Specifications**

**Model:** 3505L

**Processor:** Echelon Neuron PL 3150,10MHz

**Button / Indicator:** Service / Reset

**Number of I/O Channels:**

3 relay output for FAN speed

2 relay output for valves (Cool & Heat )

4 dry contact input channel

**Power supply:** 100-240V AC

**Installation:** DIN rail

**Temperature:** 0 ~ 85 °C

**Humidity:** 10 ~ 95%RH@50 °C

**Certification:** LonMark 3.4 / CE Mark

**Function Block:** 1x Node Object 1 x Fan Coil Unit Object

**Dimension:** 185 x 140.3 x 57.8 mm

**Features:**

- LONMARK® Fan Coil Controller profile #8020
- Stand-alone operation or Echelon® LONWORKS® network
- Uses Echelon LonTalk® protocol
- Communication over power line
- Direct connection of thermal actuators
- Direct connection to fan switch
- Direct connection to electrical heat
- Factory-configured default parameters
- Wide range of supported valves and actuators
- Slim design fits into narrow fan coil units
- Terminals all on one side allow controllers to be positioned at back of fan coil unit
- Power supplied by power mains

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