

เขียนโดย Administrator

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METASYS CONTROLLERS

FEC/FAC

Field Equipment Controller

The Metasys® Field Equipment Controllers (FEC) are a complete family of BACnet® compatible Field Controllers and accessories designed with the flexibility to meet a wide range of your HVAC control applications. Built on the iSHINE standard for building automation systems control and communication.



MS-FEC2611-0

Product Code Number	Description
MS-FEC1611-0	16-Point Field Equipment Controller with 2 I/L, 1 B, 1 BO, and 4 CO, 24 VAC, FC and SA Bus Support
MS-FEC1611-0	16-Point Field Equipment Controller with 2 I/L, 1 B, 1 BO, and 4 CO, 24 VAC, FC and SA Bus Support, Integral Display and 8-Button Navigation Touch Pad
MS-FEC2611-0	17-Point Field Equipment Controller with 2 I/L, 2 B, 1 BO, 2 AO, and 4 CO, 24 VAC, FC and SA Bus Support
MS-FEC2611-0	17-Point Field Equipment Controller with 2 I/L, 2 B, 1 BO, 2 AO, and 4 CO, 24 VAC, FC and SA Bus Support, Integral Display and 8-Button Navigation Touch Pad

FAC Series controllers feature an integral real-time clock and support three-based tasks, which enables these Field Controllers to monitor and control schedules, calendars, alarms and trends.

MS-FAC2611-0	17-Point Advanced Application Field Equipment Controller with 4 I/L, 2 B, 2 AO, 2 BO, and 4 CO, 24 VAC, SA Bus
MS-FAC2611-1	16-Point Advanced Application Field Equipment Controller with 5 I/L, 4 B, 4 CO and 4 BO, 24 VAC, SA Bus, Plugable Terminals
MS-FAC2611-2	16-Point Advanced Application Field Equipment Controller with 5 I/L, 4 B, 4 CO and 4 BO, 120-240 VAC, SA Bus, Plugable Terminals



MS-FAC2611-0

Input/Output Modules (IOM) are point expansion controllers to expand the point count.

Ordering Codes	Description
MS-IOM1711-0	Input Module, 8 Binary Inputs
MS-IOM1711-0	Input/Output Module, 2 Universal Inputs, 2 Relay Outputs, 2 Universal Outputs
MS-IOM1711-0	Input/Output Module, 4 Universal Inputs, 4 Relay Outputs, 1 Universal Outputs
MS-IOM1711-0	Input/Output Module, 4 Universal Inputs, 2 Binary Inputs, 1 Binary Outputs, 4 Configurable Outputs, 2 Analog Outputs
MS-IOM1711-0	Input/Output Module with 8 Universal Inputs and 2 Analog Outputs, 24 VAC
MS-IOM1711-0	Input/Output Module with 16 Binary Inputs, 24 VAC
MS-IOM1711-0	Input/Output Module with 8 Binary Inputs and 8 Binary Outputs, 24 VAC



IOM1711

VMA Variable Air Volume Controller

The VMA16 controllers can be configured for both single and dual duct VAV applications.

Features

- BACnet MVT protocol communication – provides open systems compatibility
- Writeable flash memory
- Integrated pressure sensor and actuator
- Wireless capability
- Fast response actuator – drives the damper open to close in 60 seconds



VMA16

HVAC CONTROL PRODUCTS

SENSORS

TM-3100

Room Temperature Sensor

- Wall mount
- Built-in Sensing Element P-1000



HT-1000

Room Humidity Transmitter

- Wall mount
- Humidity Range – 0 - 100% RH
- Output – 0 - 10 VDC
- Accuracy – ±2%
- Supply Voltage – 15 Vdc ±10%



CD-W00-x0-1 Space CO2 Transmitter

- Wall mount
- Measuring Range – 0-2000 ppm CO2
- Output – 4-20ma or 0-10VDC
- Accuracy – ±50ppm ±1% of reading
- Supply Voltage – 24 to 30 VAC, 18 to 36 VDC



DH100ACDCLP

Duct Smoke Detector

- 4-wire Photoelectric
- Voltage – 20-24 VDC / 24 VAC
- Current – 120/130/140 VAC
- Contact – 12A @ 30 VAC/DC



TS-910x

Duct Temperature Sensor

- Duct mount
- Sensing Element – P-1000
- Accuracy – EN 60751, Class A
- Option – sensing Range



TS-910x

Pipe Temperature Sensor

- Pipe mount
- Sensing Element – P-1000
- Accuracy – EN 60751, Class A



F61

Liquid Flow Switch

- Switch – SPDT Contacts 15A, 120 V
- Connection – 1/2" or 3/4" NPTT
- 4 models : 1/2", 3/4" & 6" ASSE 301



F62

Air Flow Switch

- Switch – SPDT Contacts 15A, 120 V
- Max Air Velocity – 10 m/s
- Pads : 15 mm mounted 80 mm separate



P233

Air Differential Pressure Switch

- Switch – SPDT Contacts 2A, 250 V
- Range – 0.2 - 1000 Pa
- Standard P231 sample



Setra 364

Air Differential Pressure Transducer

- Range – 0 - 100 in. W.C.
- Output – 4 to 20 mA, 1000 Pa
- Overpressure – 1/2 in. Hg

