

YCCS Input/Output Module (IOM)

YK-IOM100-0

Description

The York Commercial Comfort System (YCCS) Input/Output Module (IOM) uses the System Manager (SM) to monitor and control auxiliary points in a facility. Monitor input points using the SM and schedule binary output points with the SM scheduling feature. Refer to the *York Commercial Comfort System (YCCS) Technical Guide (428515)* for additional product information.

- Circuitry and connectors for the 2 Analog Inputs (AI), 2 Binary Inputs (BI), and 4 Binary outputs (BO)

Repair Information

If the Input/Output Module fails to operate within its specifications, replace the unit. For a replacement, contact the nearest Source 1 representative.



Input/Output Module

Features

- Ability to integrate facility loads, such as lighting or exhaust fans, into building occupancy schedules

Selection Charts

Ordering Information

Code Number	Description
YK-IOM100-0	IOM with 2 Analog Inputs (AI), 2 Binary Inputs (BI), and 4 Binary Outputs (BO)

YCCS Point Type and Counts

Point Types	Signals Accepted	YK-IOM100-0
Analog Input (AI)	1k Ohm Nickel RTD, 0-10 VDC for RH or CO ₂	2
Binary Input (BI)	Dry Contact Maintained Mode	2
Binary Output (BO)	24 VAC Triac Output	4

Accessories

Product Code Number	Description
Y65T42-0	Transformer, 120/208/240 VAC Primary to 24 VAC Secondary, 40 VA Hub Mount, Class 2

Technical Specifications

YCCS Input/Output Module (IOMs)	
Product Code	York Commercial Comfort System (YCCS) Input/Output Module: YK-IOM100-0
Power Supply Requirement	24 VAC
Power Consumption	4 VA maximum (not including external loads)
Ambient Conditions	Ambient Operating Temperature: 0 to 50 °C (32 to 122°F) Ambient Storage Temperature: -40 to 85°C (-40 to 185°F)
Processor	20 MHz Renesas H8S2398 processor
Memory	1 MB Flash nonvolatile memory for operating system, configuration data, and operations data storage and backup 512 k Synchronous Random Access Memory (SRAM) for operations data dynamic memory
Housing	Plastic housing material: ABS + polycarbonate UL94-5VB Protection: IP20 (IEC 60529)
Mounting	On a flat surface with screws
Dimensions (Height x Width x Depth)	144 x 150 x 53 mm (5.7 x 5.9 x 2.1 in.)
Shipping Weight	approximately 0.3 lb
Compliance	<p>United States UL Listed, File E107041, CCN PAZX, UL 916 FCC Compliant to CFR47, Part 15, Subpart B, Class A</p> <p>Canada UL Listed, File E107041, CCN PAZX7, CAN/CSA C22.2 No. 205, Signal Equipment Industry Canada Compliant, ICES-003</p> <p>European Union CE Mark, EMC Directive 89/336/EEC, in accordance with EN 61000-6-4 (2001) Generic Emission Standard for Heavy Industrial and EN 61000-6-2 (2001) Generic Immunity Standard for Heavy Industrial Environment</p> <p>Australia/New Zealand C-Tick Mark, Australia/NZ Emissions Compliant</p>

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