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Data Sheet

August 13, 2026

SCHNEIDER ELECTRIC / INVENSYS / FOXBORO

Schneider Electric / Invensys / Foxboro CM400YH Contact / DC Input Module

Foxboro CM400YH FBM07 Contact/DC Input Interface Module The Foxboro CM400YH is a legacy I/A Series Contact/dc Input Interface Module corresponding to FBM07 (also listed with P0400HA). Per PSS 21H-2C3 B4, FBM07 is an expandable main module that functions as a 16-channel contact sensor or 16-channel dc voltage monitor and converts on/off field signals to the redundant Fieldbus. It can support one FBM12 expansion module. CM-series CSA/FM versions require input voltage less than 60 V dc. Contact and dc discrete monitoring in Foxboro I/A Series 100 Series I/O; status of switches, relays, and dc voltage presence; sequence-of-events, pulse count, digital I/O, or ladder logic when configured; MRO of FBM07 nodes. The Foxboro CM400YH is a legacy I/A Series Contact/dc Input Interface Module corresponding to FBM07 (also listed with P0400HA). Per PSS 21H-2C3 B4, FBM07 is an expandable main module that functions as a 16-channel contact sensor or 16-channel dc voltage monitor and converts on/off field signals to the redundant Fieldbus. It can support one FBM12 expansion module. CM-series CSA/FM versions require input voltage less than 60 V dc. Contact and dc discrete monitoring in Foxboro I/A Series 100 Series I/O; status of switches, relays, and dc voltage presence; sequence-of-events, pulse count, digital I/O, or ladder logic when configured; MRO of FBM07 nodes.

**MODEL**

**Schneider Electric
/ Invensys /
Foxboro CM400YH**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

CM400YH

LISTING

<https://aumictechlabs.com/products/cm400yh-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Schneider Electric/Invensys/Foxboro CM400YH Contact/DC Input Module is an essential component for modern industrial automation, offering a versatile solution for interfacing with a wide array of input devices. With its rugged construction and capabilities, this module ensures seamless integration and reliable performance in critical applications. It is manufacturing plants, power generation facilities, and other industrial settings where precise monitoring and control are paramount.

Features & description

From manufacturer datasheet

Features

- FBM07 expandable main Contact/dc input (CM400YH / P0400HA listings) • 16 independent channels as contact sensor or dc voltage monitor (PSS) • Configurable input filter 4, 8, 16, or 32 ms • Supports one FBM12 expansion module • Isolation 1250 V ac 1 minute channel-to-earth and pair-to-pair • Digital I/O, SOE, pulse count, or ladder logic application programs

CM400YH Characteristics / Specifications

PARAMETER	VALUE
Model	CM400YH
Manufacturer	Foxboro (The Foxboro Company / Invensys / Schneider Electric)
Instrument Type	Contact/DC Input Field Bus Module
Series	I/A Series 100 Series FBM
Alias	CM400YH; FBM07; FBM 07; P0400HA
PSS Document	PSS 21H-2C3 B4 Contact/dc Input Interface Module (FBM07) and Expansion (FBM12)
Channel Count PSS	16 independent channels
Contact Sensor Range	contact open (off) or closed (on)
Open Circuit Voltage	24 V dc +/-10 percent
Short Circuit Current	2.5 mA maximum
On State Resistance Contact	1 kOhm maximum
Off State Resistance Contact	100 kOhm minimum
Voltage Monitor On State	15 to 130 V dc
Voltage Monitor Off State	0 to 5 V dc
Voltage Monitor Current	2.2 mA typical at 5 to 130 V dc
On State Source Resistance	1 kOhm maximum at 15 V dc
Off State Source Resistance	100 kOhm minimum at 130 V dc
Filter Time	configurable 4, 8, 16, or 32 ms
Input Voltage Range Redundant	26 to 42 V dc
Consumption Main Only	7 W maximum
Consumption Main Plus Expansion	12 W maximum
Heat Dissipation Main Only	12 W maximum
Heat Dissipation Main Plus Expansion	22 W maximum
Isolation Channel To Earth	1250 V ac for one minute
Isolation Pair To Pair	1250 V ac for one minute

PARAMETER	VALUE
Channel Pairing	channels isolated in pairs sharing a common return
CM Series Voltage Limit	input voltage must be less than 60 V dc for CSA and FM rated CM part numbers
Operating Temperature	0 to 60 C (32 to 140 F)
Relative Humidity	5 to 95 percent noncondensing
Altitude Operating	-300 to +3000 m
Storage Temperature	-40 to +70 C
Contamination	Class G3 harsh per ISA S71.04
Mass	1 kg (2.2 lb)
Status Indicators	2 LEDs on TA (1 red, 1 green) plus 16 channel LEDs
Field Terminations	32 screw-clamp discrete wire; 34-pin plug connector; or 32-screw direct connection block
Communication	redundant Fieldbus (main module only)
Application Programs	Digital I/O, Sequence of Events Monitor, Pulse Count Inputs, or Ladder Logic
Expansion Module	FBM12 Contact/dc Expansion Input
Mounting	1×8 mounting structure, industrial enclosures, Field Enclosure 8 (with Y-adapter); FE4 and 1×8 without Y-adapter
Successor Path	FBM207 16 DI (P0914KX 48 V / P0914KY 24 V) for new designs Notes Specs from Foxboro PSS 21H-2C3 B4 for FBM07/FBM12. CM400YH is listed as FBM07 / P0400HA on the aftermarket. Some 8-channel 48 V summaries exist for early 100 Series DI cards; confirm channel count, contact versus voltage-monitor wiring, and CM voltage limit on the installed module.
Humidity	5 to 95 percent noncondensing

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Storage temperature	40 to +70 C
Operating temperature	0 to 60 C (32 to 140 F)
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Humidity	5 to 95 percent noncondensing
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Altitude Operating	-300 to +3000 m
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Full OEM specifications

Complete technical content extracted from the manufacturer datasheet. Sparse OEM tables are reconstructed as tables below; other text is preserved as paragraphs.

Specifications	
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Notes

Specs from Foxboro PSS 21H-2C3 B4 for FBM07/FBM12. CM400YH is listed as FBM07 / P0400HA on the aftermarket. Some 8-channel 48 V summaries exist for early 100 Series DI cards; confirm channel count, contact versus voltage-monitor wiring, and CM voltage limit on the installed module.

Available from Aumictech

Used and refurbished unit evaluated in-house. Calibration: Available on request. Used · In stock.

Request a quote: sales@aumictech.com · +1 (484) 841-9341

Aumictech

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NIST-traceable calibration · SAM registered ·
30-day returns
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Technical content from manufacturer specifications. Unit photo/stock from Aumictech listing when available. Specifications subject to OEM documentation and unit condition.