

Foxboro - 200 Series / EcoStruxure Foxboro DCS**FBM219****24-Input/8-Output Discrete I/O Interface Module****Verified product identity**

FBM219 is the official functional model and RH916RH is its current exact module part number; termination assemblies and expansion assemblies are separate products.

Verified specifications

Input/output channels	24 inputs and 8 outputs, group isolated
Filter/debounce	No filtering, 4, 8, 16 or 32 ms
Voltage-monitor ON state	15 to 30 VDC; 2.2 mA typical at 30 VDC
Voltage-monitor OFF state	0 to 5 VDC; 0.4 mA maximum at 5 VDC
Output applied voltage	60 VDC maximum
Output load current	0.25 A maximum
Output off-state leakage	0.25 mA maximum
Isolation test	600 VAC for one minute between channel groups and ground
Input loop-power protection	2.5 mA current limit
Power consumption	6 W maximum at 24 VDC
Heat dissipation	5 W maximum at 24 VDC
Current module part number	RH916RH

Selection summary

Foxboro FBM219 is a group-isolated discrete I/O interface module with 24 inputs and 8 outputs for Foxboro DCS field signals.

APTER POWER

Foxboro - 200 Series / EcoStruxure Foxboro DCS

FBM219

Additional verified specifications

Module Fieldbus	Redundant 2 Mbps
Input power	24 VDC +5%, -10%
Operating temperature	-20 to +70°C
Storage temperature	-40 to +70°C
Relative humidity	5 to 95%, noncondensing
Operating altitude	-300 to +3,000 m
Storage altitude	-300 to +12,000 m
Vibration	0.75 g from 5 to 500 Hz
Contamination class	ISA-S71.04 Class G3
Dimensions	10.2 × 4.5 × 10.4 cm (H × W × D); 11.4 cm height including mounting lugs
Weight	0.284 kg (official approximate module net weight)

Installation and commissioning

- Match the exact electronic-module order number, termination assembly, cable, field power and system configuration.
- Preserve channel configuration, wiring, grounding, redundancy state and active diagnostics before removal.
- Commission every used channel with controlled signals and verify alarms, diagnostics and control behavior.

Official applications

- Discrete status and voltage-monitor input acquisition
- Low-current DC solenoid and relay output control
- Mixed discrete input/output service using main and expansion termination assemblies

Evidence boundary

Dimensions and weight apply only to the FBM219 electronic module. Termination assemblies, cables, adapters, companion modules and packaging are excluded.

Source basis: official Schneider Electric / Foxboro model-specific Product Specifications Sheet.