

Foxboro - 200 Series / EcoStruxure Foxboro DCS**FBM241D**

Redundant Contact Input/Internally Powered Output Module

Verified product identity

The official PSS styles this function as FBM241d; RH914WP is the current exact electronic-module part number and RH927BM is the separate redundant adapter.

Verified specifications

Input/output channels	8 inputs and 8 outputs
Redundancy	Module pair with RH927BM redundant adapter
Filter/debounce	No filtering, 4, 8, 16 or 32 ms
Channel isolation	Galvanically isolated; group isolated with external excitation
Isolation test	600 VAC for one minute
Contact input range	15 to 60 VDC
Internally powered output	12 VDC at 12 mA
Output off-state leakage	0.1 mA maximum
Power consumption	5 W maximum for a single module
Heat dissipation	6 W maximum for a single module
Current module part number	RH914WP
Required redundant adapter	RH927BM

Selection summary

Foxboro FBM241D is the redundant FBM241d variant with eight 15-60 VDC contact inputs and eight internally powered 12 VDC outputs.

APTER POWER

Foxboro - 200 Series / EcoStruxure Foxboro DCS**FBM241D****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 per module (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

- Redundant 15-60 VDC contact-status acquisition
- Internally powered 12 VDC low-energy discrete signaling
- Eight-input/eight-output discrete control where external output excitation is not required

Evidence boundary

Dimensions and weight apply only to the FBM241D electronic module. Termination assemblies, cables, adapters, companion modules and packaging are excluded.

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