

**Foxboro - 200 Series / EcoStruxure Foxboro DCS****FBM241C**

## Redundant Contact Input/Discrete Output Module

**Verified product identity**

The official PSS styles this function as FBM241c; RH914WM 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; protected or unprotected TA options              |
| External-source DC output  | 15 to 60 VDC, 2.0 A maximum, 0.1 mA off-state leakage          |
| Relay output option        | 240 VAC at 5 A, depending on TA                                |
| Power consumption          | 5 W maximum for a single module                                |
| Heat dissipation           | 6 W maximum for a single module                                |
| Current module part number | RH914WM                                                        |
| Required redundant adapter | RH927BM                                                        |

**Selection summary**

Foxboro FBM241C is the redundant FBM241c variant with eight 15-60 VDC contact inputs and eight externally powered discrete outputs.

APTER POWER

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# FBM241C

### 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
- Externally powered DC solenoid and relay output control
- 240 VAC relay-output service with the documented termination assembly

### Evidence boundary

Dimensions and weight apply only to the FBM241C electronic module. Termination assemblies, cables, adapters, companion modules and packaging are excluded.

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