ABB NMFC03

Technical Identity & Engineering Reference

ABB NMFC03 is a multi function controller for ABB Symphony Harmony.

01 Exact product identity

Product designation	NMFC03
ABB material number	YNMFC03
Product function	Multi Function Controller
Control family	Symphony Harmony
Hardware role	Controller module
Service context	Installed-system controller
Replacement basis	Exact label and application configuration

02 Evidence scope

ABB identifies NMFC03 as a Multi Function Controller in the Symphony Harmony product line; detailed application configuration remains installation specific.

03 System relationship

NMFC03 is an ABB Symphony Harmony Multi Function Controller identified in ABB service catalogues under material number YNMFC03. It is an installed controller module rather than a generic I/O card.

Its active control behavior depends on the resident application, connected Harmony modules and cabinet engineering. These application records must be retained independently of the physical controller identity.

Before replacement, preserve the complete label, configuration records, connector positions and controller status. Restore the approved application and verify communications and representative I/O in a controlled sequence.

04 Installation relationships

Installation relationship	NMFC03 belongs to the configured ABB Symphony Harmony hardware chain; the complete installed relationship governs replacement.
Protection	Follow the approved isolation, ESD and system-specific commissioning procedure before handling NMFC03.
Technical reference	ABB repair-service catalogues identifying YNMFC03 / NMFC03. ABB identifies NMFC03 as a Multi Function Controller in the Symphony Harmony product line; detailed application configuration remains installation specific.

05 Application map

Installed-system service

Maintain the exact NMFC03 identity when replacing the fitted multi function controller.

Configuration retention

Preserve application records, channel maps or hardware settings that belong to the installed system.

Controlled troubleshooting

Use the approved system diagnostics to separate module, wiring and companion-hardware faults.

Acceptance testing

Return the system to service only after representative functions match the recorded baseline.

06 Engineering boundaries

Exact-model rule	Use the complete NMFC03 marking and every visible revision or assembly identifier.
System-data boundary	Treat control-family or host-system ratings as system context unless they are expressly assigned to NMFC03.

Supply boundary	the NMFC03 multi function controller; companion hardware and accessories only when itemized in the quotation
Acceptance evidence	Retain the as-found record, controlled test results and responsible sign-off.

07 Related product references

Recommended model	ABB BSFC-02C 3AXD50000011461
Recommended model	ABB CP-A RU 1SVR427071R0000
Recommended model	ABB GJR5143100R0001 35EK90
Recommended model	ABB GJR5146620R0001 35ZE94G
Recommended model	ABB 3BHE027867R0101
Recommended model	ABB NXPP-02C

Confirm the complete NMFC03 marking, installed relationship and required quantity with Apter Power.

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