

IMCOM03

System Integration and Verification Reference

The Elsag Bailey IMCOM03 is identified in official INFI 90 documentation as a controller module in the COM/QRC controller and quick-response-controller family.

Manufacturer	ABB / Elsag Bailey
Complete model	IMCOM03
Product description	INFI 90 Controller / Quick Response Controller Module
Prepared by	Apter Power
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Three interface paths, one controlled configuration.

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1. System role

The module executes configured control functions and exchanges module data within the Process Control Unit architecture. It is a control-processing module rather than a direct field termination device; the connected I/O and termination assemblies determine the physical analog or discrete signals.

What the product handles

Control and module-bus data; direct field signal types are not specified for IMCOM03 in the cited manufacturer material.

Required companion components

INFI 90 Process Control Unit, module bus, compatible I/O modules, termination assemblies and configuration/operator station.

Where it is used

Legacy INFI 90 process-control loops requiring controller or quick-response-controller processing.

Pre-installation record

Parameter	Verified value
Identity	Record complete model IMCOM03 and every revision/suffix from the nameplate
Evidence	Retain the cited manufacturer PDF and site-approved drawings
Configuration	Back up the approved controller, network or module configuration
Connections	Label cables, terminals, module positions and field wiring
Commissioning	Define a point-by-point or communication verification plan

2. Installation and commissioning controls

Recommended verification sequence

Parameter	Verified value
1 - Identify	Match the full nameplate and physical construction
2 - Isolate	Follow site lockout, electrical-safety and ESD procedures
3 - Compare	Confirm companion hardware, cables, termination and revision compatibility
4 - Install	Use manufacturer mounting, grounding and environmental requirements
5 - Configure	Restore only the approved configuration and documented settings
6 - Test	Verify communications, diagnostics and every affected process function
7 - Release	Record results and obtain the required site authorization

Model-specific precautions

- The cited documents do not publish a complete IMCOM03 electrical specification; do not infer ratings from related controller models.
- Preserve the approved configuration and verify module revision and cabinet compatibility before replacement.
- Test associated control loops and I/O communications under controlled commissioning conditions.

Manufacturer source PDFs

Manufacturer document	Direct PDF
Elsag Bailey 40 Series operator-station instruction	Open PDF in a new window
ABB Symphony Harmony spare listing	Open PDF in a new window

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