

A03B-0815-C003

I O Module

CONTROLLED ENGINEERING COPY

Record the basic-module position, flat-cable order, I/O Link allocation and every DI/DO terminal before replacing A03B-0815-C003.

INSTALLATION IDENTITY	REQUIRED VALUE
Complete model	A03B-0815-C003
Manufacturer part	A03B-0815-C003
Hardware type	A03B-0815-C003
System family	FANUC I/O Link expansion module system



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01 PRE-INSTALLATION PLAN

- 1

Verify the complete A03B-0815-C003 marking and its assigned FANUC I/O Link expansion module system position before work.
- 2

Place the connected cnc auxiliary i o process in the approved maintenance state.
- 3

Isolate every documented power, signal and stored-energy source before disconnecting conductors or cables.
- 4

Record the installed slot, connectors, conductors, addressing, firmware and software configuration before removal.
- 5

Use ESD-safe handling and protect keyed electrical, fiber or sensor interfaces as applicable.

MATCHED HARDWARE

- compatible FANUC I/O basic module
- flat expansion cable
- FANUC I/O Link master
- documented field terminal unit and wiring

INSTALLATION CONTROL RECORD

CONTROL ITEM	REQUIRED RECORD
Identity	A03B-0815-C003 / A03B-0815-C003 recorded
Physical interface	compatible FANUC I/O basic module
Companion check	flat expansion cable
Functional proof	Adds twenty-four digital input points
Application test	CNC auxiliary I O

02 WIRING & INTERFACE CHECKS

CHECK ITEM	REQUIRED VALUE
Order code	A03B-0815-C003
Module	Expansion module B
Digital inputs	24
Digital outputs	16
MPG interface	Not provided
Network	FANUC I/O Link
Expansion topology	Up to 3 expansion modules per basic module by flat cable
CNC slave capacity	Up to 16 units or 1024 input / 1024 output points
Operating temperature	0 to 55 degC
Storage temperature	-20 to 60 degC
Maximum temperature change	1.1 degC per minute
Normal relative humidity	75% or less
Short-term relative humidity	95% or less
Maximum vibration	0.5 g

FIELD NOTE

Record the basic-module position, flat-cable order, I/O Link allocation and every DI/DO terminal before replacing A03B-0815-C003.

03 COMMISSIONING WORKFLOW



COMMISSIONING ACCEPTANCE EVIDENCE

EVIDENCE ITEM	ACCEPTANCE CONDITION
Identity	A03B-0815-C003 / A03B-0815-C003 recorded
Physical interface	compatible FANUC I/O basic module
Companion check	flat expansion cable
Functional proof	Adds twenty-four digital input points
Application test	CNC auxiliary I O

04 RETURN-TO-SERVICE RECORD

- ☐
- Confirm the installed compatible FANUC I/O basic module and flat expansion cable against the approved project.
- ☐
- Restore power in a controlled sequence and review device, network and host diagnostics.
- ☐
- Prove the intended robot-cell signal exchange function and retain the final acceptance result.
- ☐
- Confirm the intended process response before normal operation.

VERIFICATION RECORD

PRODUCT IDENTITY	A03B-0815-C003
INSTALLED POSITION	Documented FANUC I/O Link expansion module system position
VERIFICATION METHOD	Controlled inspection and functional test
RELEASE RECORD	Final diagnostic state retained before service

RELATED PRODUCTS ON APTER POWER

MODEL	SYSTEM ROLE	APTER POWER PAGE
Bently Nevada 330854 080 25 00	Related industrial automation product	View Bently Nevada 330854 080 25 00 page
Bently Nevada 330105 02 12 15 12 CN	Related industrial automation product	View Bently Nevada 330105 02 12 15 12 CN page
Emerson KJ3003X1 EA1	Related industrial automation product	View Emerson KJ3003X1 EA1 page
Bently Nevada 330101 00 19 10 02 00	Related industrial automation product	View Bently Nevada 330101 00 19 10 02 00 page
Bently Nevada 330104 10 20 05 02 00	Related industrial automation product	View Bently Nevada 330104 10 20 05 02 00 page
Emerson WSNF8327B002	Related industrial automation product	View Emerson WSNF8327B002 page
Emerson WSNF8327A321MO	Related industrial automation product	View Emerson WSNF8327A321MO page
Emerson WSNF8551A409MO	Related industrial automation product	View Emerson WSNF8551A409MO page

SOURCE IDENTIFIERS

FANUC Series Oi-D / Oi Mate-D Connection Manual (Hardware)
B-64303EN/01

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