

IC670MDL330

GE Fanuc sixteen-point 12-120 VAC one-amp discrete output module

CONTROLLED ENGINEERING COPY

Confirm load current, 4 A module derating, leakage compatibility and snubber behavior; test fuse diagnostics before enabling automatic commands.

INSTALLATION IDENTITY	REQUIRED VALUE
Complete model	IC670MDL330
Manufacturer part	IC670MDL330
Hardware type	IC670MDL330
System family	GE Fanuc Field Control distributed I/O



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01 PRE-INSTALLATION PLAN

- 1

Verify the complete IC670MDL330 catalog marking and assigned Field Control position before work.
- 2

Place the connected grouped AC actuator and pilot-load switching process in its approved maintenance state before disturbing the station.
- 3

Isolate BIU and field power, then confirm a safe condition at the IC670MDL330 terminal block.
- 4

Label and record individual point conductors, group commons and field-power feeds before disconnecting any conductor from IC670MDL330.
- 5

Use ESD controls and protect the module connector, terminal block keying and exposed electronics.

MATCHED HARDWARE

- 10 to 132 V AC field supply
- Sixteen AC loads
- Field Control terminal block
- Compatible BIU or MFP

INSTALLATION CONTROL RECORD

CONTROL ITEM	REQUIRED RECORD
Identity	IC670MDL330 / IC670MDL330 recorded
Physical interface	10 to 132 V AC field supply
Companion check	Sixteen AC loads
Functional proof	Provides sixteen 12-120 VAC outputs
Application test	grouped AC actuator and pilot-load switching field station

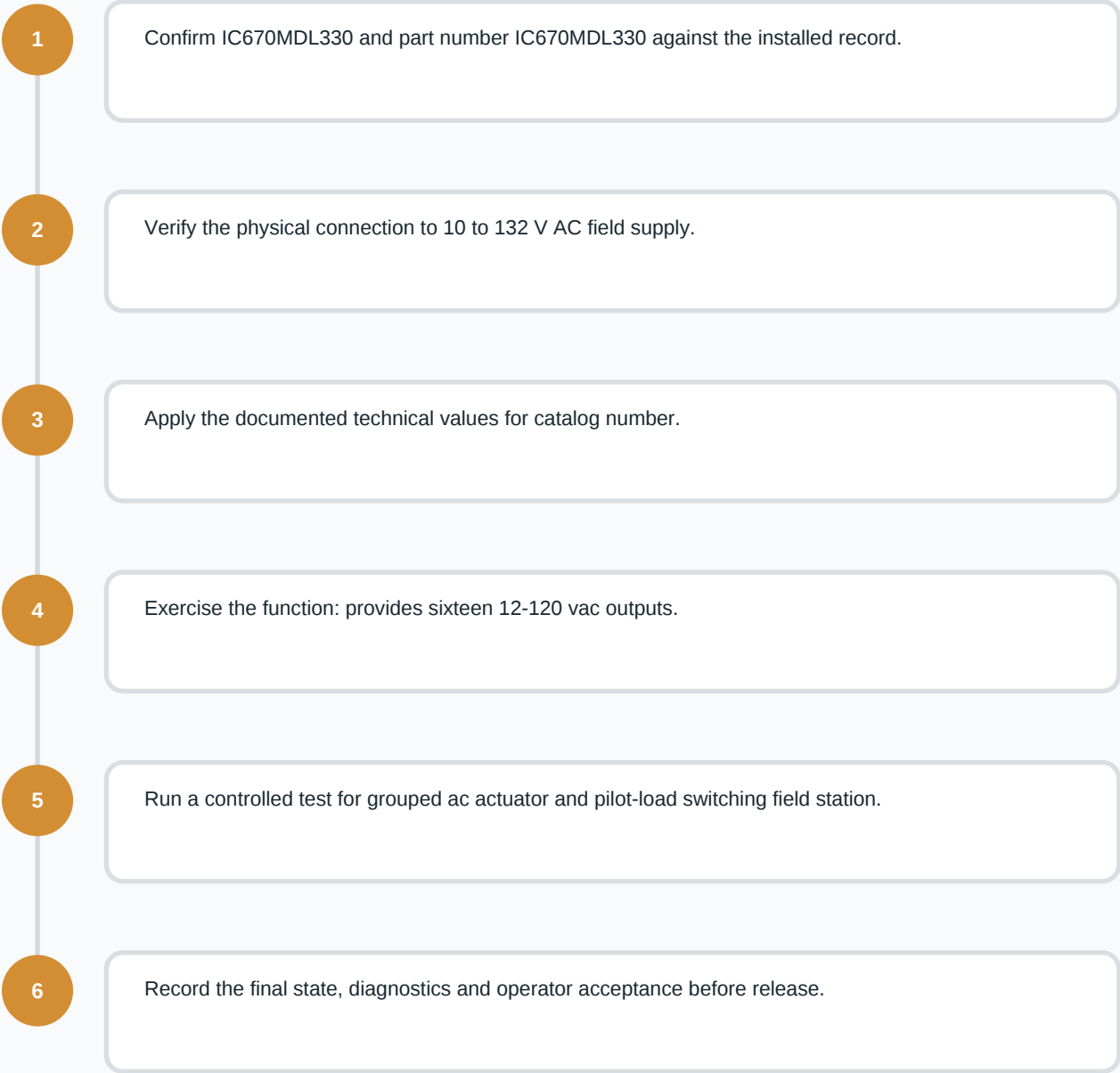
02 WIRING & INTERFACE CHECKS

CHECK ITEM	REQUIRED VALUE
Catalog number	IC670MDL330
Output points	16; one group
Rated voltage	12 to 120 V AC
Output-voltage range	10 to 132 V AC; 47 to 63 Hz
Maximum point current	1 A
Maximum module current	4 A with derating
Minimum load current	10 mA per point
Inrush current	10 A maximum for one 20 ms cycle
Output-voltage drop	2.0 V maximum
Leakage current	Less than 2 mA at 120 V AC
On/off response	Less than one-half cycle
BIU current	275 mA with all points on
Isolation	250 V AC continuous; 1500 V AC for 1 minute

FIELD NOTE

Confirm load current, 4 A module derating, leakage compatibility and snubber behavior; test fuse diagnostics before enabling automatic commands.

03 COMMISSIONING WORKFLOW



COMMISSIONING ACCEPTANCE EVIDENCE

EVIDENCE ITEM	ACCEPTANCE CONDITION
Identity	IC670MDL330 / IC670MDL330 recorded
Physical interface	10 to 132 V AC field supply
Companion check	Sixteen AC loads
Functional proof	Provides sixteen 12-120 VAC outputs
Application test	grouped AC actuator and pilot-load switching field station

04 RETURN-TO-SERVICE RECORD

- ☐ Restore only the documented input/output defaults, data reference and fault reporting; do not copy settings from an adjacent module.
- ☐ Energize in a controlled sequence and review PWR, channel, module and network diagnostics.
- ☐ Complete point-by-point state, response-time and diagnostic checks and retain the final result before returning the process to service.
- ☐ Confirm the intended process response before normal operation.

VERIFICATION RECORD

PRODUCT IDENTITY	IC670MDL330
INSTALLED POSITION	Documented GE Fanuc Field Control distributed I/O 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
IS420YDOAS1B	Related GE product	View IS420YDOAS1B page
DS2020DACAG2	Related GE product	View DS2020DACAG2 page
IS200VSVOH1BEF	Related GE product	View IS200VSVOH1BEF page
IS200EPSMG1AED	Related GE product	View IS200EPSMG1AED page
DS200TCRAG1ACC	Related GE product	View DS200TCRAG1ACC page
UR-RHV	Related GE product	View UR-RHV page
DS200TCPSG1ARE	Related GE product	View DS200TCPSG1ARE page
DS200DTBDG1ABB	Related GE product	View DS200DTBDG1ABB page

SOURCE IDENTIFIERS

GE Fanuc Field Control Distributed I/O and Control System I/O Modules User's Manual
GFK-0826J, June 2002

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