

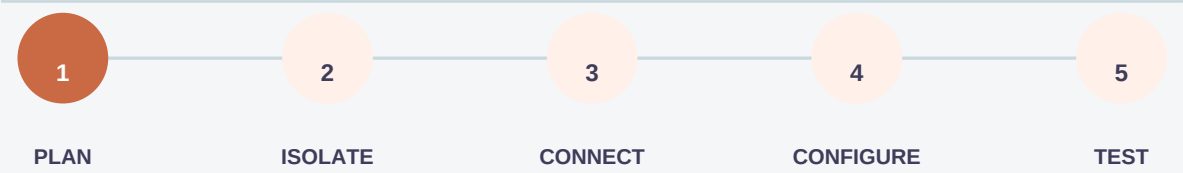
TK-ORC161

TK-ORC161 Isolated Relay Output Module

CONTROLLED ENGINEERING COPY

Honeywell TK-ORC161 is a coated Series A isolated relay-output module with sixteen normally-open channels. It is used for documented 24-220 VAC output service in an Experion Series A chassis.

INSTALLATION IDENTITY	REQUIRED VALUE
Complete model	TK-ORC161
Manufacturer	Honeywell
System family	Honeywell Series A I/O
Record scope	Installation, application and verification



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01 PRE-INSTALLATION PLAN

- 1

Confirm TK-ORC161 on the coated Series A module record.
- 2

Place all sixteen output loads in the approved maintenance state.
- 3

Record the slot, terminal-block identity, load supply and normal state of every channel.
- 4

Isolate chassis and field energy before module removal.
- 5

Verify the 36-pin terminal block and connector condition.

MATCHED HARDWARE

- Honeywell TK-ORC161 with exact visible identity
- Matched Honeywell Series A I/O host
- Documented power, field and communication interfaces
- Approved configuration and acceptance record

INSTALLATION CONTROL RECORD

CONTROL ITEM	REQUIRED RECORD
Identity	TK-ORC161 recorded
Physical interface	Installed terminals, ports and signals matched to the as-found record
Configuration	Approved Honeywell hardware and system configuration restored
Functional proof	Controlled test confirms isolated switching of sixteen normally-open AC relay outputs

02 WIRING & INTERFACE CHECKS

CHECK ITEM	REQUIRED VALUE
Product type	Isolated relay output module
Model	TK-ORC161
I/O family	Honeywell Series A
Output channels	16
Contact form	Normally open
Documented output class	24-220 V AC
Terminal-block pins	36
Module width	Single-wide
Execution	Coated TK-series model
Host	Documented Series A chassis and terminal block
Commissioning scope	Slot identity, terminal block, load supply, normal state and controlled relay response

RELATED PRODUCT PAGES

1General Electric IC693ALG442C

2General Electric IC660ERD024C1

3General Electric IC200MDL940F

4General Electric IC693CPU363-DL

5General Electric IC695CMX128

6General Electric IC693PTM101A

7General Electric IC695ALG508

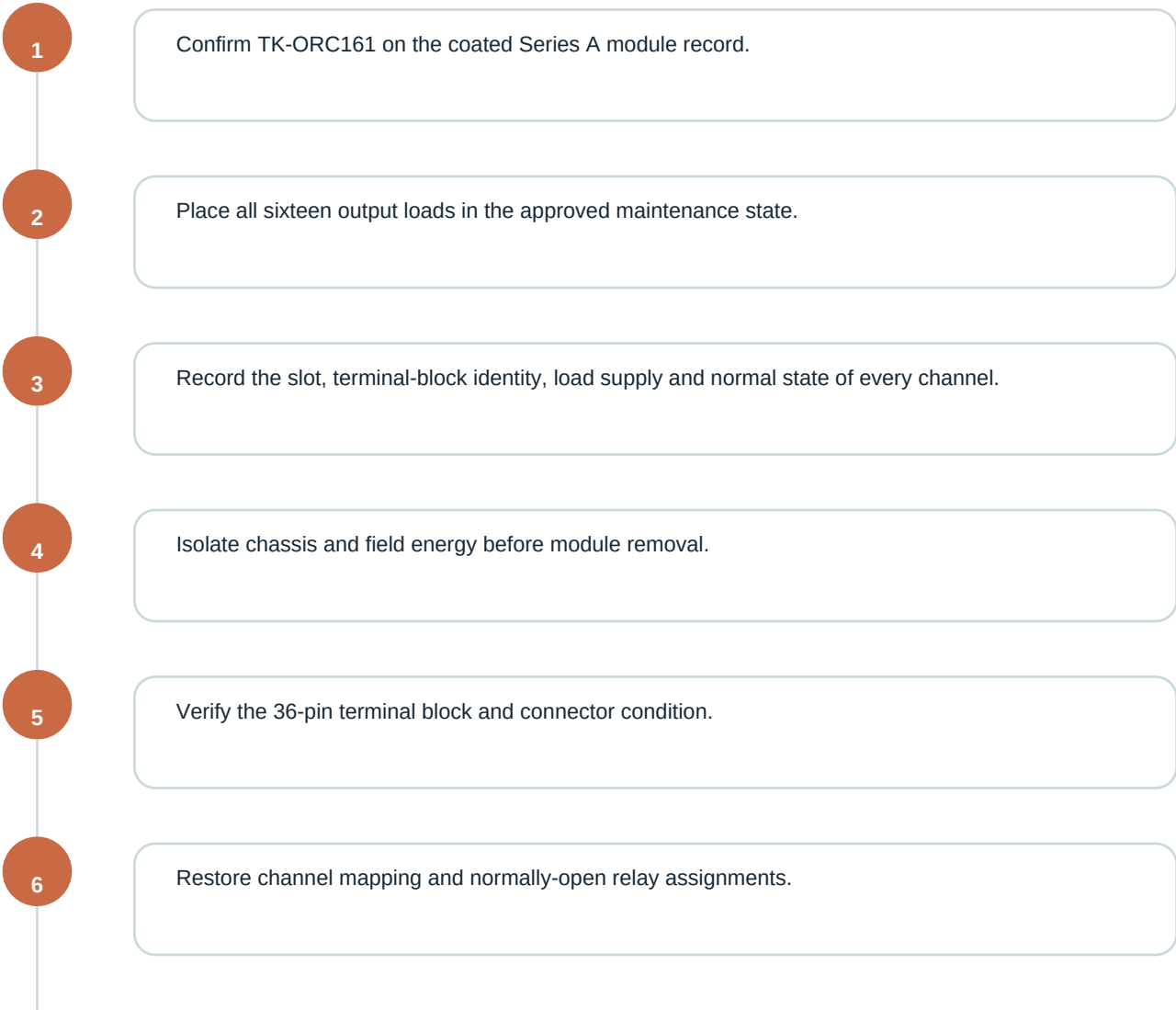
8General Electric IC695ALG312

9General Electric IC693CPU374-158503

FIELD NOTE

Confirm TK-ORC161, its exact host, installed position, interfaces, configuration, diagnostics and controlled acceptance evidence before release.

03 COMMISSIONING WORKFLOW



COMMISSIONING ACCEPTANCE EVIDENCE

EVIDENCE ITEM	ACCEPTANCE CONDITION
Identity	TK-ORC161
Physical interface	Installed terminals, ports and signals matched to the as-found record
Configuration	Approved Honeywell hardware and system configuration restored
Functional proof	Controlled test confirms isolated switching of sixteen normally-open AC relay outputs

04 RETURN-TO-SERVICE RECORD

- ☐ Verify the 36-pin terminal block and connector condition.
- ☐ Restore channel mapping and normally-open relay assignments.
- ☐ Review chassis, module and channel diagnostics.
- ☐ Exercise each assigned relay with field energy controlled before release.

VERIFICATION RECORD

PRODUCT IDENTITY	TK-ORC161
INSTALLED POSITION	Documented Honeywell Series A I/O position
VERIFICATION METHOD	Controlled inspection and functional test
RELEASE RECORD	Final diagnostic state retained before service

FUNCTIONAL ACCEPTANCE CHECKLIST

- ☐ Verify the 36-pin terminal block and connector condition.
- ☐ Restore channel mapping and normally-open relay assignments.
- ☐ Review chassis, module and channel diagnostics.
- ☐ Exercise each assigned relay with field energy controlled before release.

SOURCE IDENTIFIERS

Honeywell Experion LS I/O Specifications EP03-110-400 and System HINTS | Official Honeywell manufacturer publication