

INDUSTRIAL AUTOMATION PRODUCT

TK-ORC161

TK-ORC161 Isolated Relay Output Module

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.

CONTROLLED ENGINEERING COPY

IDENTITY	VERIFIED VALUE
Manufacturer	Honeywell
System family	Honeywell Series A I/O
Part number	TK-ORC161
Document status	Controlled product and system reference

DOCUMENT SCOPE

Exact article identity, official technical data, host matching, installation checks, applications, precautions and controlled acceptance evidence.

MODEL-SPECIFIC ENGINEERING NOTE

Install TK-ORC161 only in the documented Honeywell Series A I/O position and preserve its exact wiring, interfaces and configuration. After controlled energization, verify diagnostics and isolated switching of sixteen normally-open AC relay outputs before release.

System Role and Architecture

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.

FUNCTION 1
Sixteen normally-open relay outputs

FUNCTION 2
Isolated 24-220 VAC output class

FUNCTION 3
Single-wide Series A module

FUNCTION 4
Coated TK execution

RELATED APTER POWER PAGES

1 General Electric DS200CTBAG1ACC

2 General Electric IS200STAIH2ACB-IS200STAIH1ABB

3 General Electric IS215UCVEM01A

4 General Electric IS210AEPG2BCB

5 General Electric IS200TDBSH2A

6 General Electric IS210AEDBH4A

7 General Electric IS200SRTDH2ACB

8 General Electric DS3800NERA1P1D

9 General Electric IC693DNM200-BC

MATCHED SYSTEM COMPONENTS

NO.	DOCUMENTED COMPONENT / ROLE
01	Honeywell Series A I/O
02	Matched Honeywell Series A I/O host and field interface
03	Documented power, signal, communication and grounding connections
04	Approved configuration, diagnostics and acceptance record

SYSTEM INTEGRATION RECORD

INTEGRATION ITEM	DOCUMENTED ROLE
Host identity	Honeywell Series A I/O
Interface role	isolated switching of sixteen normally-open AC relay outputs
Field / power context	documented Honeywell Series A I/O installed position
Commissioning evidence	Identity, wiring, configuration, diagnostics and controlled response recorded

INSTALLATION AND CONNECTION CHECKS

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.

Technical Specifications

Technical values below are limited to the named product record and directly applicable manufacturer documentation.

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

RELATED PRODUCT PAGES

1General Electric DS200CTBAG1ACC

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3General Electric IS215UCVEM01A

4General Electric IS210AEPG2BCB

5General Electric IS200TDBSH2A

6General Electric IS210AEDBH4A

7General Electric IS200SRTDH2ACB

8General Electric DS3800NERA1P1D

9General Electric IC693DNM200-BC

ENGINEERING BOUNDARY

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

PRE-INSTALLATION CHECKS

- 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.

Applications and Engineering Context

Series A relay output

Switches documented AC loads from an Experion Series A chassis.

Discrete actuator command

Provides normally-open relay contacts for compatible field devices.

Coated control cabinet

Uses the TK execution in the documented industrial environment.

Output-module replacement

Restores slot, terminal block, channel mapping and relay-state verification.

TECHNICAL NOTE

Install TK-ORC161 only in the documented Honeywell Series A I/O position and preserve its exact wiring, interfaces and configuration. After controlled energization, verify diagnostics and isolated switching of sixteen normally-open AC relay outputs before release.

MODEL-SPECIFIC ACCEPTANCE EVIDENCE

CHECK	ACCEPTANCE CONDITION
Identity	TK-ORC161 recorded
Host / carrier	Honeywell Series A I/O
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

IMPORTANT NOTICE

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

Related Products and Source Record

Brand-qualified Apter Power navigation links are provided for system planning only; manufacturer evidence remains the named source record.

RELATED PRODUCTS ON APTER POWER

1

General Electric DS200CTBAG1ACC

View General Electric DS200CTBAG1ACC page

2

General Electric IS200STAIH2ACB-IS200STAIH1ABB

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9

General Electric IC693DNM200-BC

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MANUFACTURER SOURCE RECORD

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

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RECOMMENDATION SCOPE

These links support product navigation and comparison. Technical values in this document are sourced only from the manufacturer record above.