05704-A-0121

Quad Relay Card

CONTROLLED ENGINEERING COPY

Apply the published contact ratings only to non-inductive loads; assess suppression and derating for inductive circuits.

INSTALLATION IDENTITY	REQUIRED VALUE
Complete model	05704-A-0121
Manufacturer part	05704-A-0121
Hardware type	Quad relay interface
System family	System 57 5704

1 PLAN — 2 ISOLATE — 3 CONNECT — 4 CONFIGURE — 5 TEST

APTER POWER SALES TEAM

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01 PRE-INSTALLATION PLAN

1. Confirm 05704-A-0121 and all four relay assignments.
2. Record normal coil state, latch mode and contact use.
3. Isolate relay circuits and cabinet power before work.
4. Check external circuits for inductive loads and stored energy.
5. Preserve terminal identity and cabinet grounding.

MATCHED HARDWARE

- System 57 5704 card file
- Four external relay circuits
- Documented sensor or control card
- Cabinet and field grounding

INSTALLATION CONTROL RECORD

CONTROL ITEM	REQUIRED RECORD
Identity	05704-A-0121 / 05704-A-0121 recorded
Physical interface	System 57 5704 card file
Companion check	Four external relay circuits
Functional proof	Provides four single-pole changeover relay outputs.
Application test	Gas alarm relay outputs

02 WIRING & INTERFACE CHECKS

CHECK ITEM	REQUIRED VALUE
Card function	Quad relay interface
Relay outputs	4 SPCO
Relay modes	Latching or non-latching
Coil logic	Energized or de-energized
AC contact rating	5 A at 110/250 Vac; non-inductive
DC contact rating	5 A at 32 Vdc; non-inductive
Typical power	1 W
Maximum power	1.7 W
Field terminal	2.5 mm2; 14 AWG

FIELD NOTE

Apply the published contact ratings only to non-inductive loads; assess suppression and derating for inductive circuits.

03 COMMISSIONING WORKFLOW

1. Confirm 05704-A-0121 and part number 05704-A-0121 against the installed record.
2. Verify the physical connection to System 57 5704 card file.
3. Apply the documented technical values for card function.
4. Exercise the function: provides four single-pole changeover relay outputs..
5. Run a controlled test for gas alarm relay outputs.
6. Record the final state, diagnostics and operator acceptance before release.

COMMISSIONING ACCEPTANCE EVIDENCE

EVIDENCE ITEM	ACCEPTANCE CONDITION
Identity	05704-A-0121 / 05704-A-0121 recorded
Physical interface	System 57 5704 card file
Companion check	Four external relay circuits
Functional proof	Provides four single-pole changeover relay outputs.
Application test	Gas alarm relay outputs

04 RETURN-TO-SERVICE RECORD

- [ ] Apply contact ratings only within the documented conditions.
- [ ] Exercise every changeover contact and alarm function.
- [ ] Retain the witnessed relay and safety-response record.
- [ ] Confirm the intended process response before normal operation.

VERIFICATION RECORD

PRODUCT IDENTITY	05704-A-0121
INSTALLED POSITION	Documented System 57 5704 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
Honeywell MC-TDOR62	TPS relay-output termination	View Honeywell MC-TDOR62 page
Honeywell MC-TPIX12 51304084-175	TPS pulse-input termination	View Honeywell MC-TPIX12 51304084-175 page
Honeywell MC-TSIM12 51303932-476	TPS serial-interface termination	View Honeywell MC-TSIM12 51303932-476 page
Honeywell MC-TAOY25 51305865-275	TPS analog-output termination	View Honeywell MC-TAOY25 51305865-275 page
Honeywell DC-TFB412	Series C redundant FIM IOTA	View Honeywell DC-TFB412 page
Honeywell MC-IOLX02	TPS remote I/O link extender	View Honeywell MC-IOLX02 page
Honeywell 10002/1/2	FSC control and I/O module	View Honeywell 10002/1/2 page
Honeywell 10014/F/F	FSC communication module	View Honeywell 10014/F/F page

SOURCE IDENTIFIERS

Honeywell Analytics System 57 5704 Control System Manual

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