

APTER POWER INSTALLATION & VERIFICATION REFERENCE

FS-TRO-0824

Field checklist for relay-contact loading and non-safe output classification

|                  |                                                          |
|------------------|----------------------------------------------------------|
| ENGINEERING LENS | RELAY-CONTACT LOADING AND NON-SAFE OUTPUT CLASSIFICATION |
| SYSTEM           | Honeywell Safety Manager                                 |
| SOURCE CONTROL   | Manufacturer-published information only                  |

This separate field reference focuses on relay-contact loading and non-safe output classification. It does not replace the current Honeywell installation, safety, or commissioning instructions.

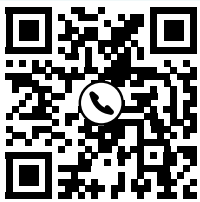
|              |                              |
|--------------|------------------------------|
| Manufacturer | Honeywell                    |
| Prepared by  | Apter Power                  |
| Document ID  | AP-HONE-14-FS-TRO-0824-IV-R1 |
| Revision     | R1                           |
| Issue date   | 2026-08-14                   |

APTER POWER SALES TEAM

INDUSTRIAL AUTOMATION PRODUCT SUPPORT

Engineering clarity for relay-contact loading and non-safe output classification.

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FS-TRO-0824

# 1. Pre-Installation Decision Gates

| Step | Gate                | Required evidence                                                                                                                                   |
|------|---------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
| 1    | Identity            | Match every character of FS-TRO-0824; photograph all labels, revisions, and option markings.                                                        |
| 2    | Host architecture   | Confirm the exact Honeywell Safety Manager rack, slot, controller, project, and approved topology.                                                  |
| 3    | Primary risk        | Document the evidence for relay-contact loading and non-safe output classification before disconnection or energization.                            |
| 4    | Electrical / signal | Verify supply, signal type, range, polarity, grounding, shielding, pinout, and load from the exact manufacturer document.                           |
| 5    | Lifecycle           | Honeywell's current Safety Manager hardware reference includes TRO-0824. Confirm the commercial status of complete code FS-TRO-0824 with Honeywell. |
| 6    | Commissioning       | Use the manufacturer test procedure, capture measured results, and obtain release authorization before return to service.                           |

## Model-Specific Precautions

- Match every character of FS-TRO-0824 to the physical nameplate before work.
- Use the exact Honeywell manual, wiring drawing, and safety instructions for the installed revision.
- De-energize and apply the required lockout, discharge, ESD, and stored-energy controls before removal.
- Back up firmware, parameters, controller project, calibration, and network settings where applicable.
- Verify supply, signal type, polarity, grounding, shielding, connector pinout, load, and environmental limits.
- Commission with the manufacturer test procedure and record results before returning equipment to service.

## 2. Wiring, Configuration and Commissioning Record

| Record item                             | Site entry |
|-----------------------------------------|------------|
| Physical model / article                |            |
| Serial / hardware revision              |            |
| Host system / machine                   |            |
| Rack / slot / physical location         |            |
| Supply and grounding checked            |            |
| Signal type / range / pinout            |            |
| Firmware / project / calibration backup |            |
| Functional or safety test result        |            |
| Technician / reviewer / date            |            |

### Stop Condition

Do not energize FS-TRO-0824 if any suffix, supply, pinout, host-system assignment, safety classification, or relay-contact loading and non-safe output classification requirement remains unresolved.

### 3. Source Basis and Field Handover

#### Official manufacturer source

Honeywell Safety Manager Hardware Reference EP-SM.MAN.6284, section 15.14 TRO-0824.

<https://prod-edam.honeywell.com/content/dam/honeywell-edam/pmt/hps/products/pas/safety-systems/safety-manager/pmt-hps-safety-manager-hardware-reference-ep-sm-man-6284-r162.pdf?download=false>

#### Handover Checklist

| Handover item                          | Status |
|----------------------------------------|--------|
| Manufacturer document attached         |        |
| Nameplate photographs archived         |        |
| Project / settings backup archived     |        |
| Test evidence approved                 |        |
| Lifecycle or migration action recorded |        |

#### Important Notice

This Apter Power checklist is not a Honeywell installation instruction. The current manufacturer documentation, physical nameplate, host-equipment manual, safety study, and site procedures control all work.

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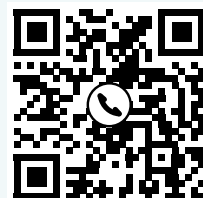
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