APTER POWER

COMPLETE PRODUCT INFORMATION

10310/2/1

Safety Manager Earth Leakage Detector

Honeywell 10310/2/1 is an earth leakage detector for Safety Manager DC systems. It provides a manual self-test and earth-connection monitoring for documented 24, 48, 60 or 110 V DC installations.

PRODUCT SNAPSHOT

BRAND Honeywell	FAMILY Honeywell Safety Manager
PART 10310/2/1	ORIGIN / HS USA / 8537101190

APTER POWER

WHATSAPP / PHONE

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SHIP FROM

Xiamen, Fujian, China

PRODUCT OVERVIEW

Honeywell 10310/2/1 is an earth leakage detector for Safety Manager DC systems. It provides a manual self-test and earth-connection monitoring for documented 24, 48, 60 or 110 V DC installations.

- Detects earth leakage in DC systems
- Supports 24, 48, 60 and 110 V DC applications
- Provides a manual self-test
- Monitors the protective earth connection

SYSTEM COMPONENTS

DOCUMENTED COMPONENT	ROLE IN SYSTEM
Proximity probe	Matched extension cable
Proximitor Sensor	AISI 4140 target

ENGINEERING CONTEXT

The product performs dc earth-leakage detection and earth-connection monitoring in the documented documented Honeywell Safety Manager DC power system. Installation and commissioning must preserve the exact identity, interfaces and approved configuration.

TECHNICAL DATA

PARAMETER	VALUE
Module	10310/2/1
Function	Earth leakage detector
Primary system	24 V DC
Additional monitored systems	48 V DC, 60 V DC or 110 V DC

PARAMETER	VALUE
Self-test	Manual TEST position
Earth monitor	Earth connection monitor
Country of origin	USA
HS code	8537101190

TECHNICAL NOTE

Confirm 10310/2/1, documented Honeywell Safety Manager DC power system, monitored DC supply, earth connection, test switch and alarm path, installed position, polarity, shielding, grounding, configuration, diagnostics and controlled functional-test evidence before commissioning.

APPLICATIONS & PRECAUTIONS

COMMON APPLICATIONS

Safety Manager 24 V DC supervision

Detects leakage from the documented DC system to earth.

48/60 V DC monitoring

Supports approved higher-voltage DC supervision.

110 V DC earth-leakage monitoring

Monitors a documented 110 V DC system.

Maintenance proof testing

Uses the manual TEST function and recorded alarm response.

PRODUCT PRECAUTIONS

1. Confirm the complete 10310/2/1 marking and controlled maintenance record before work.
2. Place the documented Honeywell Safety Manager DC power system and associated machine or process in
3. Isolate the documented power, signal and protection circuits before disconnecting 10310/2/1.
4. Record the installed position, monitored DC supply, earth connection, test switch and alarm path, polarity,
5. Protect connectors, terminals, cable routing and mounting surfaces from damage or contamination.
6. Restore the exact documented Honeywell Safety Manager DC power system configuration, channel
7. Review live diagnostics, bias, trip or channel status after controlled energization.
8. Verify the intended dc earth-leakage detection and earth-connection monitoring response and retain

ENGINEER FAQ

Q1 How is the exact 10310/2/1 execution identified?

Match the complete 10310/2/1 marking, manufacturer record and installed-position record; do not substitute by appearance.

Q2 What documented role does 10310/2/1 perform?

It performs dc earth-leakage detection and earth-connection monitoring in the documented documented Honeywell Safety Manager DC power system.

Q3 Which host must be matched before fitting 10310/2/1?

Match the exact documented Honeywell Safety Manager DC power system, channel, rack or system position shown in the controlled site record.

Q4 Which interfaces must be recorded for 10310/2/1?

Record monitored DC supply, earth connection, test switch and alarm path, together with mounting, polarity, shielding, grounding and cable routing.

Q5 What isolation controls apply to 10310/2/1?

Isolate the documented power, signal and protection circuits before disconnecting 10310/2/1.

Q6 What must be restored after installing 10310/2/1?

Restore the exact documented Honeywell Safety Manager DC power system configuration, channel assignments and mechanical arrangement.

Q7 What proves 10310/2/1 is ready for service?

Retain diagnostics and a controlled dc earth-leakage detection and earth-connection monitoring response test with alarms or interlocks where applicable.

Q8 Which manufacturer record supports the 10310/2/1 page?

Safety Manager Hardware Reference, Honeywell EP-SM.MAN.6284 Issue 1.2.

RELATED APTER POWER PAGES

330101-00-08-10-01-00 330101-00-13-30-02-05 330104-04-10-50-02-05 330101-51-82-10-01-05
330101-35-62-10-01-05 330102-00-83-50-02-05 330104-00-09-50-02-00 330104-00-09-90-02-00

SOURCE Safety Manager Hardware Reference | Honeywell EP-SM.MAN.6284 Issue 1.2

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