

HONEYWELL SAFETY MANAGER SYSTEMS

Product Data Sheet

10310/2/1

earth leakage detector

FUNCTION earth leakage detector	FAMILY Honeywell Safety Manager systems	ORIGIN United States	WEIGHT 0.50 kg
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Honeywell 10310/2/1 is a earth leakage detector for the Honeywell Safety Manager systems. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Monitored DC Systems	24, 48, 60 or 110 V DC
Module Supply Voltage	24 V DC, 30 V DC maximum
Supply Current	60 mA maximum
Rst24 Input Range	18 to 70 V DC
Rst110 Input Range	40 to 130 V DC
Rst24 Input Current	1.1 mA at 24 V DC
Rst110 Input Current	2.5 mA at 110 V DC
Normal Earth Voltage	-12 V DC
Earth Fault Threshold	-30 to +125 V DC
Earth Current Range	5.5 mA $\pm$ 1 mA

ADDITIONAL PRODUCT DATA

Alternate Earth Current	25.0 mA $\pm$ 5 mA
Maximum Output Voltage	115 V DC
Maximum Output Current	2 A
Relay Switched Load	100 W or 1000 VA
Module Keying	Holes A5 and A11

OFFICIAL APPLICATIONS

- Emergency shutdown DC distribution panels: Safety cabinet DC bus monitoring; Remote shutdown circuit insulation checks
- Reactor interlock power distribution systems: Trip relay supply leakage detection; Solenoid circuit earth-fault location
- Turbine protection and burner trip cabinets: Turbine trip bus earth monitoring; Boiler interlock supply fault tracing

SYSTEM COMPATIBILITY

Match 10310/2/1 to the installed Honeywell Safety Manager systems, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

OFFICIAL SOURCES

[HONEYWELL official manufacturer documentation](#)

Manufacturer official document

AMIKON PRODUCT SUPPORT

+86-18020776786

INFO@AMIKON.CN

AMIKONG.COM