Seismic Detection Equipment

Seismic Detection System

Part Number	Description
010-4-0005	Seismic Detection System

The totally redesigned Draka Seismic Detection System instantly detects and reports seismic activity. It features fully integrated next-generation accelerometers, upgraded software that includes self-calibration and a new NEMA 4X enclosure.

Features

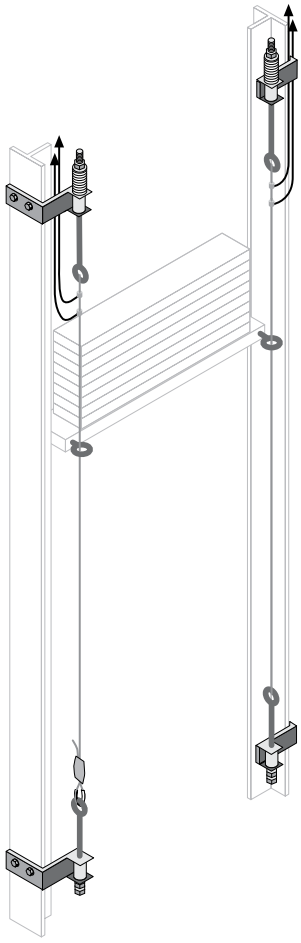
- Value-priced with a longer warranty (5 years)
- NEMA 4X enclosure provides easy access to button controls
- Bright LCD display
- Operating time tracking
- Fast, easy installation with self-calibration
- Next-generation solid state 3-axes accelerometers
- No accelerometer potting compound for increased reliability
- Redundant battery power (primary and secondary backup) with 'low battery' indicator

Approvals

- ASCE 25-97
- ASME 17.5, CSA B44.1
- UL 508

Counterweight displacement kit ("ring on a string")

Part Number	Description
CDH-R8	Counterweight displacement kit, mounts to 8 lb. guide rails (order cable [CDH-L500, CDH-L1000 or CDH-L1500] separately)
CDH-R12	Counterweight displacement kit, mounts to 12 and 16 lb. guide rails (order cable [CDH-L500, CDH-L1000 or CDH-L1500] separately)
CDH-L500	Cable, 500 ft • 152 m length, 1/16 in. • 1.6 mm diameter, with thimbles and clips (use for up to 250 ft. • 71 m of rise)
CDH-L1000	Cable, 1000 ft • 304 m length, 1/16 in. • 1.6 mm diameter, with thimbles and clips (use for up to 500 ft. • 152 m of rise)
CDH-L1500	Cable, 1500 ft • 456 m length, 1/16 in. • 1.6 mm diameter, with thimbles and clips (use for up to 750 ft • 223 m of rise)
040219	Cable, cut to length, does not include attachment hardware, please specify length
79-103	Thimble, for 1/16 in. • 1.6 mm cable attachment (replacement part)
79-104	Wire rope clip, for 1/16 in. • 1.6 mm cable attachment (replacement part)
36-178	Wire cutters, for cutting steel cable



The Counterweight Displacement Kit is an easily installed "ring on a string" hardware kit that, when used in conjunction with a relay circuit (not included), can signal the controller if a counterweight has been displaced due to a seismic event.

Two steel cables run parallel to the counterweight guide rails and pass through a pair of eyebolts located on the counterweight. If an eyebolt contacts a cable (which indicates a counterweight displacement), the circuit is completed and the controller stops and redirects the car immediately.

Order one kit and one cable per elevator - the kit attaches to BOTH counterweight rails (as shown). Note that the kit is specified for the rail size and the cable ordered should be at least twice the rise of the elevator - the cable will be cut and installed on both rails.