



## SEISMIC SENSOR & RESTRAINTS

### PRODUCT DATA SHEET

#### DESCRIPTION

An earthquake, even a light one, can distort or break the precisely aligned components of an lift system. Possible damage due to a seismic event includes derailed counterweights (which could collide with the car), damaged or unseated wire rope and broken or damaged rails or guide rollers. Even a small tremor could bend a rail bracket that could cause eventual failure of the rail months later.

An intelligent seismic detection system can help passengers by quickly getting the lift to the nearest stop and prompting the passengers to exit the cabin.



In addition to the sensor we recommend the use of Hilti expansion anchors to secure all lift system components. The HST-3 anchors are certified with a seismic rating of ETA-C1/C2.

#### SPECIFICATION

Item No	6720
Input voltage	AC 220 V + 10% 50 Hz to 60 Hz
Output	Two-way relay output
Contact capacity	1.0A 30V DC, 0.5A 125V AC
Frequency response	0.1Hz ~ 30Hz
The first alarm acceleration threshold setting range	0.2 m / s <sup>2</sup> ~ 1m / s <sup>2</sup>
Second alarm acceleration threshold setting range	0.4 m / s <sup>2</sup> ~ 3 m / s <sup>2</sup>
Acquisition accuracy	0.01m / s <sup>2</sup>
Reset mode	Manual reset
Alarm records	100
Power consumption	<1W
Weight	1kg



The Hilti HUS3-H anchors are certified with a seismic rating of ETA-C1.



*Concept to Completion*

Flexibility in Design & Personalised Service