

## Features

### Provide secured battery mounting for geographical areas where seismic activity is anticipated:

- Available for use with compatible Autocall fire alarm control panel Model Series: 4100ES, 4010ES, 4007ES, 4009 IDNet NAC Extender (4009A), TrueAlert Addressable Controller (4009T), and 4009TPS
- Design was laboratory shake table tested and certified to resist the maximum considered earthquake in the United States
- Install on-site to either surface mount or flush mount backboxes (see installation reference below)
- One bracket holds two (2) compatible batteries
- Galvanized steel construction with insulation near battery terminals
- Refer to page 2 for selection information
- For additional information on seismically compliant equipment under the State of California Statewide Office of Housing and Development (OSHDP) Special Seismic Certification (SSC) program guidelines, refer to Seismic Applications Guide 579-1213AC

### Satisfies the following requirements:

- IBC 2012, *International Building Code*
- CBC 2013, *California Building Code*
- ASCE 7, categories A-F and all building heights

## Description

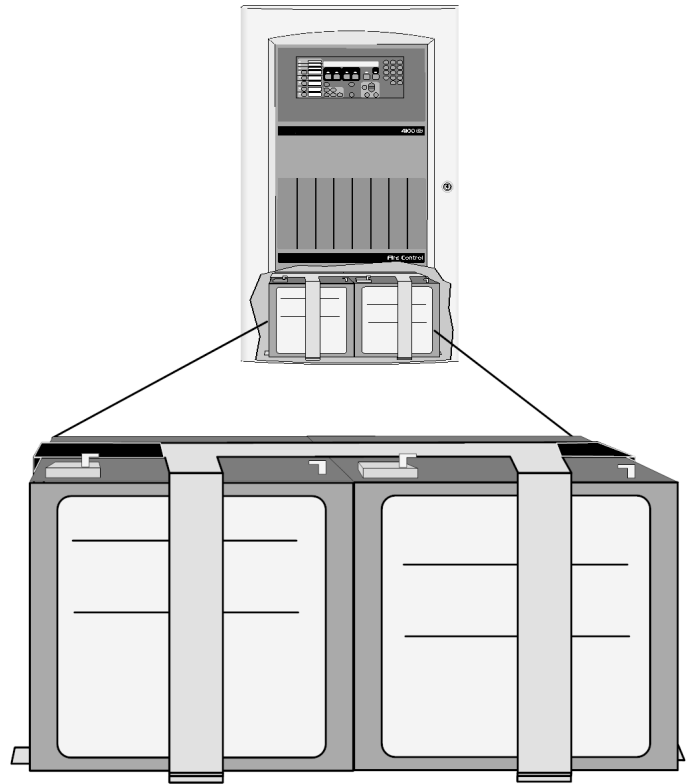
### Secured Battery Mounting.

For geographic regions where earthquake activity is a building design criteria, these battery brackets will hold the system batteries securely in place.

### Laboratory Tested.

Independent laboratory testing was performed to ensure these battery brackets meet the requirements of ASCE 7 (categories A through F) per the following:

- IBC 2012 and CBC 2013 Certified
- ICC-ES AC156 Testing Standard
- Importance Factor = 1.5 (the highest category)
- $S_s = 3.73 \text{ G}$
- $S_{ds} = 2.5 \text{ G}$
- $z/h = 1.0$



**Figure 1: Battery Bracket Shown in a 2 Bay 4100ES Cabinet**

## Installation Reference

1. **Important:** Install bracket hardware into flush mounted boxes before box installation for easier access.
2. **Always mount boxes solidly.** Align mounting hardware with wall studs. Refer to the product's box installation instructions for additional information.
3. For additional battery bracket installation information, refer to Installation Instructions 579-944AC.

## Battery Bracket Selection Reference

Table 1: Selection reference

Bracket Model No.	Compatible Batteries* 12 V, sealed lead-acid		Compatible Products	Battery Dimension Reference*	Bracket Dimensions 0.060" (1.5 mm) Thick	
	Capacity	SKU			Width	Height
A2081-9402	18 Ah	2081-9275	4100ES, 4007ES, 4010ES	7-1/4" W x 3-3/8" D x 6-5/8" H (184 mm x 86 mm x 168 mm)	14-9/16" (370 mm)	6-9/16" (167 mm)
A2081-9297	33 Ah	2081-9276	4100ES 1, 2, or 3 Bay Cabinet	7-3/4" W x 5-1/4" D x 6-3/4" H	15-1/2"	6-9/16"
			4010ES, 1 or 2 bay	(197 mm x 133 mm x 171 mm)	(394 mm)	(167 mm)

\* **Note:** These brackets mount two of these 12 VDC batteries wired in series for 24 VDC systems. Refer to data sheet **AC2081-0006** for additional battery information. Alternate batteries must be of identical dimensions.

Table 2: Additional Battery Equipment

SKU	Description
A100-0650	Battery Shelf; <b>required when using 50 Ah batteries in 4100ES cabinets</b>