

# ECS Option



P.O. Box 15732  
Brooksville, FL 34604  
Phone: 888-987-8877  
Fax: 888-654-3844  
[www.surgesuppression.com](http://www.surgesuppression.com)

The “ECS” option is an externally mounted surge counter option. The surge counter features an 8-digit LCD display, a 10 year battery, a manual reset switch, and a switchable High Surge count only feature. These models will come from the factory with a preset level (2000 V / 66 A). When the “High Surge” counter feature is enabled, the level will be user adjustable from 1000 A to 3000 A surge levels.

The ECS option has a backplate that allows for panel mounting (simply bolt it to the outside of a panel or deadfront) or it can be back-mounted with standoffs. In the latter case, simply create a cut-out in the deadfront or panel that will allow the surge counter, and LEDs to show through. In either case, connections to the ECS are made using 18-22AWG wire (LED connections come from the base unit and the surge counter sensors are provided with wire) that can enter the enclosure through the backplate or through the end of the enclosure.

The surge counter sensing circuit is current-based rather than voltage-based. That is, it only counts surges that the unit has acted upon by detecting surge current flowing into the device.

The ECS option includes a Dry Relay Contact:

- Normally closed contacts rated at 60W (from 30VDC @ 2 Amps to 150VDC @ 0.4 Amps) or 100 VA (from 50VAC @ 2 Amps to 220VAC @0.45 Amps) that accepts 16-22 AWG wire

