



ES Option

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The “ES” 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 reset-disable switch. The ES 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 to show through. In either case, connections to the ES are made using 18-22 AWG 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 surge counter not only detects high level surges, but also is sensitive enough to detect low level surges down to 50 amps.

