

# Electro-GenConnect™

## A new breakthrough in GenSet Transfer Switch

*Utility LINE to LOAD Disconnect, 200A - All Models*

### All Functions at the Utility Meter Enclosure

## FEATURES

### Simple installation/connection

- Outside of building
- At service entrance

### Flexible and User-Friendly

- Does not require pre-naming circuits
- Generator powers complete distribution panel
- Outage return, automatically transfers to utility
- High current loads may be held off (control signal)

### Automatic Transfer Model

- Automatically determines outage
- Starts the generator
- Knows when to return to the utility
- Generator maintenance
- Records errors and problems

### Reacts only to true outage

- Select 0.2 to 3 minutes to define outage
- Filters out reclosure interrupts

### Open before make transfer

- Independent, two transfer contacts
- Adjustable timing
- Patented 2 switch concept

### Generator over/under voltage protection

- Continuous monitor (L1), 104 to 136-volt
- Preset response time

### Major safety provisions for utility system



**Retrofit model** - three major types: Manual Start, Automatic, and Load Control Service Interrupt.

1. Unplug utility meter.
2. Plug in Electro-GenConnect™ extender.
3. Reinstall meter socket enclosure cover.
4. Wall mount control box.
5. Attach connector/cable to Electro-GenConnect™ extender.
6. Re-plug-in utility meter - meter sealing band.
7. Connect GenSet.

## REDUNDANT SAFETY

1. Each leg to neutral, not across L1 and L2.
2. "Neutral" transfer position is verified.
3. Hardware control path, external to micro.
4. Approximate 1-second LOAD voltage dip.
5. Redundant watchdog micro, also interlocks Gen. relay.
6. Micro retains power four minutes after outage.

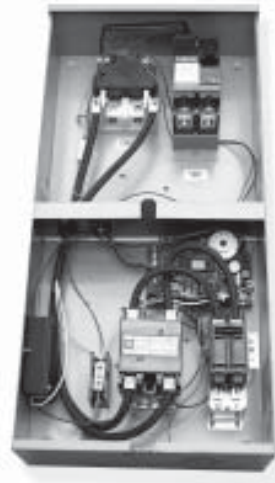
## TEST ROUTINE - USER ACCESS

1. Utility live and generator live.
2. Manual switch, hold for test.
3. Status and failure code monitor light.
4. Logic control verifies "neutral" transfer position.
5. Part of "30-day" automatic generator maintenance.

## MONITOR LIGHTS

- Green - utility power
- Red - Gen. power
- Pulsing (either) - time out mode
- Off - both utility and Gen. power off
- Test mode - failure analysis
- Failure codes

## SEVERAL OTHER PACKAGING ARRANGEMENTS



Providing Comfort Through Efficient Energy Solutions

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