



# E-LOGICS

## TECHNICAL MANUAL

### Capacitor Trip Unit (CTU)



## **Introduction:**

The Capacitor Tripp Unit (CTU) is usually installed in substations and operates the over current & Earth fault relay and shunt trip coil of a circuit breaker during a loss of power supply to the transformers. This prevents transformers being automatically energized following restoration of the main power supply.

The unit can also be used to initiate alarms or provide standby excitation. The unit also serves as a continuous DC power supply or stored energy. Unit is housed in a high impact polycarbonate enclosure.

## **Model:**

- EL-CTU-300

## **Specification:**

Rated supply Voltage	65VAC to 130VAC
Output Voltage	90VDC to 183VDC
Capacitor	3600uf
Rated Frequency	0Hz to 500 Hz
Supply LED Color	RED
CTU Dimensions	142mm x 100 mm x 90 mm (H x W x D)
Push Button	Built-in
Ambient temperature	-10 to +85°C
Electrical connections	Pluggable terminals
Enclosure	Extrude Aluminum

## **Function / Operation:**

Several events or operations can be monitored according to requirement. User can nominate these events on windows. To acknowledge and reset the alarm both push buttons on screen and connection terminals are provided.

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**Dimensions:**

