Safety Standards

BS EN 61010-1:2001
BS EN 61010-2-032:2002
BS EN 61010-031:2002
600 V_{RMS}, Category IV, Pollution degree 3
UL61010-1 / CSA C22.2 No. 61010-1

Specifications

Max current	720 A
Working Voltage	230V_{RMS}
Line Frequency	50 Hz
IP rating	IP65 IEC 60529
Altitude	2000m
Environmental	-20 to 55°C

Symbol	Description
	Do not dispose of this product as unsorted municipal waste
	Important information. See manual
	Double insulation
	Do not apply around or remove from HAZARDOUS LIVE conductors
	Complies with UL 61010-1 CSA C22.2 No. 61010-1

E113677

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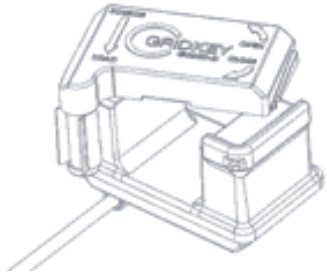
GridHound Sensor Safety Leaflet



Unlocking the smartgrid
A collaboration between Lucy Electric and Sentec

Safety Information

⚠ The GridKey sensor is intended for use with the GridKey metrology units as part of the GridKey LV substation monitoring system.

Refer to the appropriate GridKey System User Guide for more details on connection to and operation of the system.

This sensor must only be installed, operated, maintained and removed by qualified electrical personnel.

Follow safe electrical work practices as specified in local and national work instructi ons and codes.

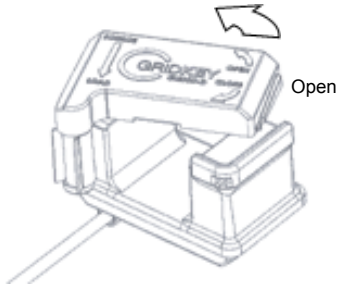
Use appropriate personal protective equipment and gloves as required. Always use this product in the manner specified or the protection provided by the product may be impaired.

Installation Information

⚠ When installing on HAZARDOUS LIVE conductors which cannot be de-energised during application or removal of the current sensor the operator must use additional individual personal protective equipment (PPE) to avoid electric shock.

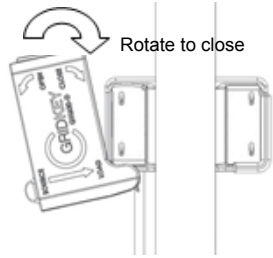
Inspect the current sensor for damage. **Do not install if the sensor is visibly damaged.**

1. Identify the correct phase on the MCU and plug in sensor cable. Please note that for system with a neutral connection, this should be connected first.
2. Open by rotating the gate of the GridKey sensor firmly in direction shown by the arrow.



3. Visually inspect the gate and main case and remove any dirt or dust by wiping with a clean dry cloth.
4. The sensor is marked to indicate the direction of current flow in the conductor to be monitored. Ensure sensor is orientated with the arrow pointing towards the load of the circuit to be monitored. In most installations the cable points down.

5. Place sensor on conductor.



6. To close push the gate in direction shown by arrow. A click indicates when the gate is securely latched.

Removal

1. Visually inspect sensor and cable before removal. **Do not proceed** if sensor or cable appears damaged in any way.
2. **Open** sensor **gate in direction of arrow** and remove from cable.