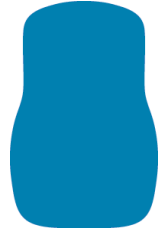




EnCompass



Safety Information and Regulation Compliance

Utilivista cannot accept responsibility for the improper use and handling of the C2i **EnCompass**. All electrical installation work must be undertaken by a suitably qualified and competent person and must be carried out in accordance with all relevant Statutory Requirements and Regulations.

WARNINGS

The voltage range of the V1, V2, V3 & N terminals are rated at 240/415v AC and are dangerous if connected to the mains. Incorrect installation may cause death, serious personal injury or damage to the equipment. Consequently, the instructions in this manual, as well as national and local rules and safety regulations, must be complied with.

The Current Transformer inputs are to be connected using either the customer's plug and socket arrangement or the alternative connector enclosure provided by Utilivista. **Please ensure the correct gender for plugs and sockets are maintained. Plug (Female), Socket (Male).**

Depending on the power module used, the circuit powering the **EnCompass** is a 3.6v battery or a 5v USB mains adapter. Disconnect power before installation or servicing to prevent electrical shock or equipment damage. Make all connections in accordance with national and local electrical codes. Use copper conductors only. To reduce the risk of fire or electrical shock, install in a controlled environment relatively free of contaminants.

Static charges produce voltages high enough to damage electronic components. Work in a static free area and discharge any static electricity you may have accumulated. Use a wrist strap when handling PCB's, the wrist strap must be secured to earth ground.

Under no circumstances should USB power and battery power be connected simultaneously.

In the unlikely event of a battery leakage, the utmost care must be taken to avoid injury. Clean any leakages with water only, using a cotton cloth, and wear protective clothing, including gloves and safety goggles. **DO NOT** attempt to clean the batteries themselves; they must be disposed of immediately in a hazardous waste collection. If you get a rash on your skin or you feel a burning sensation in your nose or eyes, contact your doctor as soon as possible.

Take care whilst handling to avoid damaging the the printed circuit board and connectors.

The **EnCompass** is only intended for use as a monitoring device.
To prevent data loss or equipment damage, **do not use it for any other purpose.**

Neodymium Magnet Safety

Utilivista Ltd. cannot accept responsibility for the improper use and handling of magnets.
The magnets should only be used by competent and qualified persons.

WARNINGS

Allowing magnets to crash together can cause blood blisters, crushing and cuts. Special care should be taken particularly with larger magnets which have a high attractive force.

Magnets are very dangerous if ingested. If swallowed seek emergency medical advice. Magnets will cause major swelling in the intestine resulting in life threatening injuries that will require emergency surgery to rectify. Similarly, magnets placed near areas of soft tissue (e.g. up the nose, or in the ear) can cause compression of these delicate areas.

The magnets should not be held close to heart pacemakers. Medical professionals advise that heart pacemakers can stop functioning in a magnetic field produced by a neodymium magnet.

Nickel plating can cause an allergic reaction in some people particularly after long-term contact. The neodymium magnet is nickel plated; as a precaution, long-term contact should be avoided.

Magnets will cause permanent distortion of the colour in TVs and computers so always keep them well away from these items. Other magnetically sensitive items include: mechanical watches, heart pacemakers, CRT monitors, credit cards, diskettes, and other magnetically stored media.

Prevent wear and chipping of your magnets' protective plating. The neodymium magnet is plated with 3 protective layers but this can wear away leaving the magnet core exposed to corrosion. For longevity it is best to avoid using magnets in any way that produces wear of the protective plating.

We advise that you do not tamper with the magnets in any way; they are **only to be used** for activating the Learn Mode reed switch present in the [C2i EnCompass](#).