



General installation information

Important:

1. **Switch ON Delay:** The SmartRipple load switch has a delayed relay switch ON, which can be between 1 and 35 minutes. On power up the blue, red and green LED will flash and after the delay the green LED will stay on.
2. **Shed/Restore:** The electricity supplier will use this device to shift load to prevent power failures, so please contact them first to make sure that shedding is not taking place.
3. **Circuit breakers:** Each appliance connected to the SmartRipple device must be individually protected with a circuit breaker before the SmartRipple, smaller or equal to 20A.
4. **Earth Leakage:** an Earth Leakage breaker must protect all the appliances connected to the SmartRipple device.
5. **Terminals:** The tightening torques for the SmartRipple terminal screws are 0.5 Nm and must be maintained annually by a qualified electrician.
N : Neutral
L in : Live in, from circuit breaker.
L load : Live to appliance.
6. **Conductor:** The maximum conductor size used is 4 mm², and it is recommended that ferrules be used.
7. Please note that the device terminals must always be treated as live connections, irrespective of the LED indication.

SmartRipple LED indications:

Blue LED:

- Flashing: device is active– **Correct.**
- Any other state:
 - First check that the circuit breaker is ON.
 - Contact the electricity supplier.

Red LED:

- OFF : Relay is OFF – **Correct.**

Green LED:

- ON : Relay is ON and there is an output voltage on the terminals - **Correct**

Red & Green LED:

- Flashing fast: Relay is OFF and in soft pickup mode. Usually after power failure - **Correct**

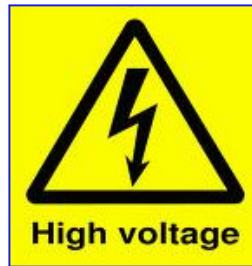
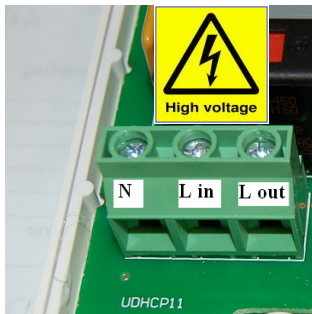
Fault Conditions:

 Red & Green LED:

- Both solid ON : Relay failure, switch circuit breaker off and contact the electricity supplier.

 Red LED:

- Flashing: Over Temperature. Faulty installation, switch circuit breaker off and contact the electricity supplier.



Danger: please note that there are high voltages present on this equipment.
