

# Check Phase Wiring Pre-Power On

Version A3

## DISCLAIMER

This document is intended to provide guidance on how to check for any phase miswirings before powering on a SolShare. This document does not override the local electrical safety standards and wiring rules. It is the responsibility of the installer to ensure the shared solar installation meets the relevant electrical safety and wiring standards in the installation locality.

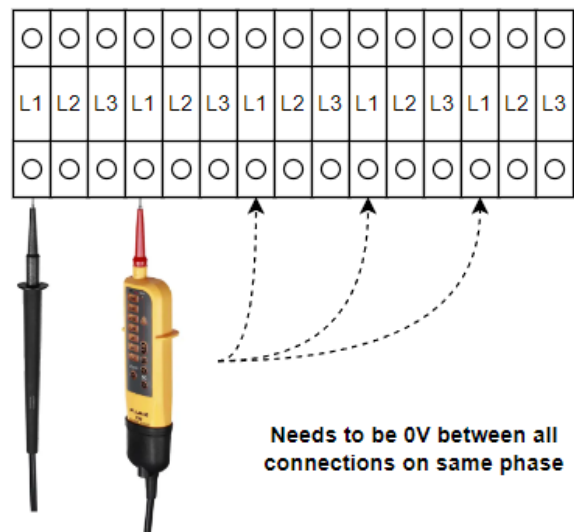
## BACKGROUND

As a three-phase device, it is critical to ensure there is no phase-to-phase short circuits before powering on SolShare. **This simple procedure will help protect SolShare and other installation components.** Please follow these instructions before powering on any SolShare.

**IMPORTANT:** Mislabelling in buildings is a possibility. Therefore, it is essential to follow the procedure below for every installation and not solely rely on building labels.

## CHECKING PHASES

1. Take cover off SolShare maintenance isolation box.
2. Set multi meter to measure AC voltage.
3. Hold one probe on a connection that is wired to L1.
4. Move other probe to another connection on L1.
5. Observe voltage.  
**If this is not 0V then you may have a phase miswiring.**
6. Repeat step 4 and 5 for all connections on L1.
7. Repeat steps 4 to 6 for phase L2 and L3.



**WARNING:** Powering on SolShare with phase miswirings can result in short circuit and product damage. This will not be covered by warranty.