

## UNIQUE ISOLATION INDICATOR LAUNCHED

It's extremely quick and easy to find modern systems where a live feed will remain in place despite the original energy source being isolated. A remaining single phase or a floating neutral could be not only potentially hazardous, but disastrous. It would take only a moment for an engineer to believe the panel to be isolated, only to be inflicted with a harmful shock.

Whilst the "prove dead" process is well-established and widely known to be important to implement before any work takes place, it is often a more common failing than would be expected, particularly in that of pressured and time constrained environments. A non-fatal electric shock can have huge implications, with falls and sudden movements resulting in injuries. Faulty Rotary isolators are also a commonly found fault, with up to 25% worn or damaged in service. This can quickly result in a panel being powered up when the isolator appears to have been turned off.

To eliminate these issues, Remlive have created a unique isolation indicator. This equipment, supplied by [Reece Safety](#), clearly shows a safe state before the panel is even opened, so rendering the risk of shock as zero. The basic principle of the operation is that when the power supply is in the "ON" state, the LED display on the face and will be illuminated in a flashing manner to attract attention. These LED's remain operational until all voltage has decayed to less than 24v on all connections including neutral. If the neutral floats back above this, even when the phase lines are correctly isolated, the unit will indicate the presence of a potentially dangerous voltage to earth.

The production of such a measure is a major step forward within a typically high paced manufacturing environment and should dramatically improve both safety and efficiency.

Safe Isolator Indicators can be purchased from [www.reecesafety.co.uk](http://www.reecesafety.co.uk)