What is Airis?

Airis prevents cooking fires and greatly reduces the chance of smoke, without affecting normal safe cooking. It is ideal for protecting the elderly and others at risk from the dangers of smoke and fire, as part of a fire strategy, and to prevent sprinkler system activation. *Airis does not react to a fire; it prevents it from starting.*

Airis comprises of two parts: the Multisensor and the Power Control Unit (PCU). They communicate wirelessly, so there's no wiring between them.

Please note: this document is intended as an introduction before reading the installation manual.

Watch Airis
prevent a fire

Installation time

Installation is a simple and straighforward job for an electrician. No further specialist training or knowledge is needed. The time taken for installation is less than one hour for a single unit. Where multiple units are being installed in one building, installation time can be as quick as 30 minutes.

Fitting the Multisensor

The Multisensor mounts on the splashback with very high bond tape. A ceiling mounted model is available for hobs installed within islands.

If the Multisensor is disabled or moved from its original installed position, Airis will allow power to the hob/cooker only for 30-60 seconds, allowing enough time to check that the hob is working in case of a suspected problem.

If installation on the splashback is not possible, the Multisensor can be installed on the cooker hood. Please contact us first for details.

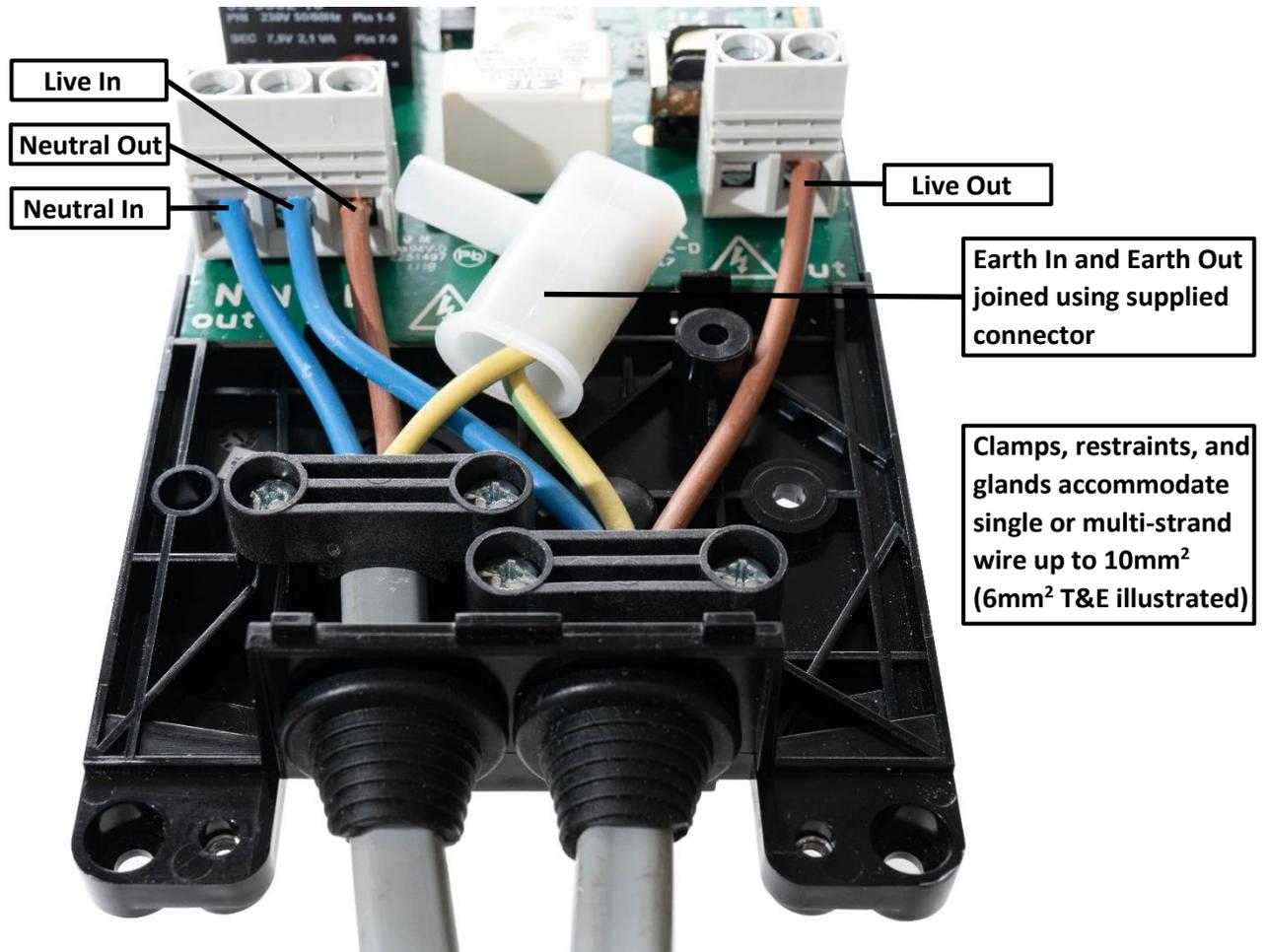## Fitting the PCU

Positioning

The PCU is wired between the power outlet and the appliance. Where a hob is located above a built-in oven, the PCU can be mounted behind the oven. Alternative locations are under the plinth or behind a kitchen unit. For a free-standing cooker, the PCU can be mounted near the floor behind the cooker.

Electrical connections

The standard PCU has a load capacity of 35A and accommodates stranded or solid wires up to 10mm². A 50A model is also available with capacity for up to 16mm² wire. High quality

terminals and restraints are included along with plenty of wiring space to make the process fast and secure.

An example of a wired Airis PCU

Live In

Neutral Out

Neutral In

Live Out

Earth In and Earth Out joined using supplied connector

Clamps, restraints, and glands accommodate single or multi-strand wire up to 10mm² (6mm² T&E illustrated)

Setting up

We recommend installing the Multisensor on the splashback mounted at the default height. If this is done, no settings require changing and a 5-second press of the OK button completes the installation. The Airis Installation manual explains how to change the settings to enable the Multisensor to be installed at different heights on the splashback or on the cooker hood. This is a simple and quick process.

If installation on the splashback is not possible, the Multisensor can be installed on the cooker hood. Please contact us first for details.

If you'd like to discuss any aspect of the installation, don't hesitate to contact us at support@unicook.co.uk or 0208 798 3462.

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