



Does your home have the best protection from fire?

Arc Fault Detection Devices – a new level of defence against electrical fires in the home.

Your home should be a safe haven for you and your loved ones. Technology advances now mean there is a better way to protect your home and family from electrical fire danger, with PDL by Schneider Electric's arc fault detection device.

What is an Arc Fault Detection Device (AFDD)?

PDL by Schneider Electric have released a detection and tripping device which protects against electrical fires caused by arc faults.

Arc faults are commonly caused by a damaged cable or a poor connection, such as pulled-out sockets, cables squashed under furniture and loose junction boxes.

Arc detectors are wired into your home's switchboard and are easy for your electrician to install. The device is suitable for both new and established homes.



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What does it do?

Our arc fault detection device monitors and protects circuits to lower the electrical fire risk.

Unlike anti-fire systems (smoke detectors, extinguishers) acting after the fire begins, arc fault detectors are designed to trip (like a circuit breaker) before cables or sockets experiencing arcing ignite, reducing the risk of fires caused by an electrical fault.

PDL by Schneider Electric AFDD's also work as a miniature circuit breaker (MCB) so it offers dual functionality, which means it can be used in place of an MCB in your home's switchboard.

Why do I need them for my home?

No other residential circuit protection device, such as circuit breakers or residual current devices can currently detect arc faults.

Arc fault protection has been mandatory in other countries for over 10 years. Adding a PDL by Schneider Electric arc fault detection device to your home's circuit protection, will offer the best available defence from electrical fires caused by arc faults.

The devices can be added to protect the circuits which are most at risk, such as living areas and bedrooms. They are an ideal addition for homes with older wiring, and rental properties.

Ask your electrician about installing PDL by Schneider Electric arc fault detection devices in your home, or visit our website for more information.



A residential switchboard



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