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New Eaton AFDD+ device raises the bar in electrical safety and fire protection

AFDD+ device meets guidelines in new AS/NZS 3000 electrical installations standard

CHRISTCHURCH, NEW ZEALAND. Power management company Eaton today announced the arrival of the new Eaton AFDD+, an arc fault detection device that provides critical all-in-one protection against electrical fires in homes and buildings.

With built-in arc fault detection, earth leakage current protection (RCD), short circuit and overcurrent protection (MCB) technology in one compact device, the AFDD+ can be easily installed on switchboards for new-builds or retrofitted in residential applications.

Dan Agnew, General Manager, Power Distribution ANZ at Eaton said with the AS/NZS 3000 electrical installations standard mandating the use of arc fault detection devices for specific installations, and a rising number of electrical ignited fires in New Zealand – now is a good time for electricians, builders and owners to future proof electrical installations and prioritise fire prevention and community safety.

“Often hidden and hard to detect manually, arc faults can be caused by repeatedly pulling out cables by the cord, the crushing of trapped cables or even pet and rodent damage. Without detection, arc faults can cause a build up of carbon which can easily ignite and potentially result in an extremely costly or deadly fire.

“Standard switchboards with RCD and MCB circuit protection are unable to detect electrical arc faults that are the root cause of most fires – so by adding an extra layer of protection with

Eaton AFDD+, arc faults can be detected early, immediately isolating the damaged cable and effectively eliminating the ignition point.”

Already widely used in Europe and the United States, the Eaton AFDD+ is the first IEC-based solution in the world to combine all three protective layers in one device.

“Eaton is committed to developing globally leading technologies that help protect people and property against electrical fires – while simplifying switchboard design and streamlining the installation process for electrical contractors,” added Dan.

The AS/NZS 3000 electrical installations standard has made arc fault detection devices mandatory in locations storing flammable materials or containing irreplaceable items, historic buildings constructed with flammable materials and school dormitories.

The Eaton AFDD+ comes in multiple options ranging from 10 to 40 amps, with in-built 30mA Type A RCD. Devices come with a purpose-designed busbar comb for easy installation.

Available today through leading electrical wholesalers across New Zealand.

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Eaton is a power management company with 2017 sales of \$20.4 billion. We provide energy-efficient solutions that help our customers effectively manage electrical, hydraulic and mechanical power more efficiently, safely and sustainably. Eaton is dedicated to improving the quality of life and the environment through the use of power management technologies and services. Eaton has approximately 96,000 employees and sells products to customers in more than 175 countries. For more information, visit Eaton.com.

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