

Each year in Europe 2 million fires are reported

4,000
deaths

70,000
injuries

€126bnⁱ
fire damage



25% are caused by electrical faultsⁱⁱ

Arc faults are a key factor, causes include:



Exposure to UV



Pets and rodents bites



Damage to wire insulation



Bent plugs and wires



Loose cable terminations



Ageing

Electrical arc faults causing fires are most often too specific to be detected by traditional circuit protection

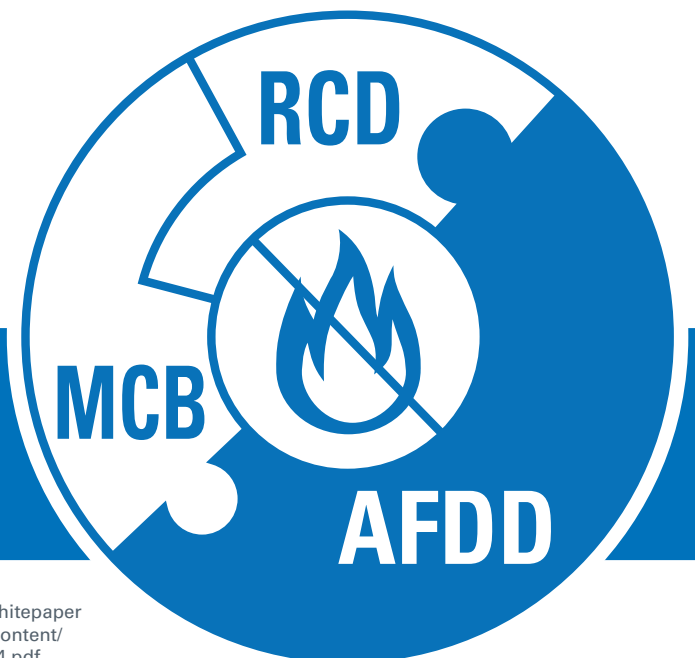
Arc fault detection devices (AFDDs) have a unique ability to identify higher frequencies that indicate arc fault and activate an immediate disconnection

GREATER USE OF AFDDs COULD REDUCE THE NUMBER OF ELECTRICALLY-IGNITED FIRES



Multiple risks, 1 answer

Eaton has launched the AFDD+, an all-in-one device incorporating AFDD, MCB and RCD capabilities.



ⁱ "Europe is Playing With Fire – A Call to Action on Fire Safety in Buildings" Whitepaper published by Fire Safe Europe, December 2014. http://firesafeeurope.eu/wp-content/uploads/2015/06/Europe-is-playing-with-fire_-_White-Paper_FSEU_03_12_2014.pdf

ⁱⁱ IFS-Brandursachenstatistik, 2014