



## Offer your customers the best protection from electrical fires



Arc Fault Detection Device (AFDD) – an easy to install, cost effective solution to help keep your customers safe from electrical fires caused by arc faults.

The iDPN N Arc's unique arc fault protection safeguards against electrical fires by detecting even small electrical arcs caused by cable or electrical contact damage and disconnects power before the resulting heat starts a fire. It is expertly engineered and built with high quality materials in order to provide reliable protection for electrical systems.

Arc fault protection has been mandatory in other countries for over 10 years.

- **Reliable technology** – can distinguish between abnormal arcs that could lead to fire and normal arcs that appear at the opening of switches or during the operation of electrical motors
- **Simplicity** – can be installed instead of an MCB
- **Compatible** – with existing residual current devices

Adding a Schneider Electric arc fault device to a home's circuit protection, will offer your customers the best available defence from electrical fires caused by arc faults.

Life Is On

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iDPN N Arc is an arc fault detection circuit breaker (MCB + Arc Fault Detection unit) that fits into a standard electrical panel and is designed to disconnect power before an electrical fire starts.

- Protection of circuits against arc faults, short-circuit currents and overload currents

It is used to protect individual final sub circuits that are exposed to electrical arc risks such as:

- Bedroom and living room socket circuits
- Circuits susceptible to damage (surface mounted, outdoor installation, etc.)
- Ageing circuits where contacts may have broken down or vibrated loose

**Applications:**

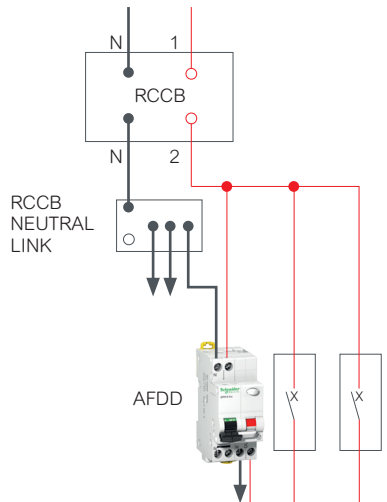
Suitable for both for new builds and retrofit.

Conforms to standard: IEC 62606

Electrical arc fault detection and fire prevention through installation in DIN rail mounted electrical panels for a wide variety of circuits including:

- Socket circuits
- Lighting circuits
- Power strips
- Wall mounted cables and sockets
- Circuits with junction boxes
- Circuits in harsh environments (such as moisture, heat, UV, rodents, vibration), ageing cables and connections.

| Product reference | Number of poles | Ic (Rating) | Icn  | Type of instantaneous tripping current |
|-------------------|-----------------|-------------|------|----------------------------------------|
| A9FDB606          | 1P + N          | 6 A         | 6 kA | C                                      |
| A9FDB610          | 1P + N          | 10 A        | 6 kA | C                                      |
| A9FDB616          | 1P + N          | 16 A        | 6 kA | C                                      |
| A9FDB620          | 1P + N          | 20 A        | 6 kA | C                                      |
| A9FDB625          | 1P + N          | 25 A        | 6 kA | C                                      |



*When wired with an RCCB*

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