Rako’s trailing edge dimmer range includes the RMT500, RMT1200, RAK4-T, RMT-Pill and WMT-400. All are suitable for a range of loads including mains dimming LEDs (the RMT-Pill requires a neutral connection for LED control), halogen lamps, either mains or fed from electronic transformers and halogen GU10 lamps. All Rako’s trailing edge dimmers have in-built short circuit protection and are therefore the recommended dimming method for halogen GU10s which can damage other dimmer types when lamps fail.

Trailing edge dimming is not suitable for wire-wound transformers (usually distinguishable by their large size and weight) and other inductive loads such as motors and pumps. Loads of this type require a leading edge dimmer, or switch module.

**Differences Between Leading & Trailing Edge Dimming**

- **Normal mains – power is conducted for the whole cycle**
- **Leading edge dimmer at low dimmed level**
- **A leading edge dimmer ‘chops’ the waveform and only transmits power for the second part of the cycle**
- **No power transmitted for this part of the cycle**

- **A trailing edge dimmer ‘chops’ the waveform and only transmits power for the first part of the cycle**
- **No power transmitted for this part of the cycle**