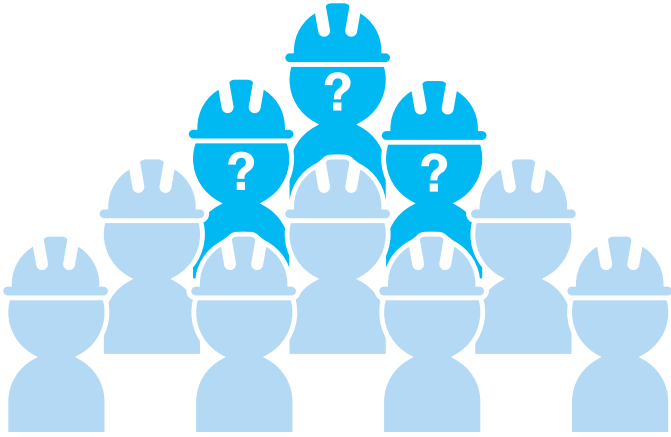


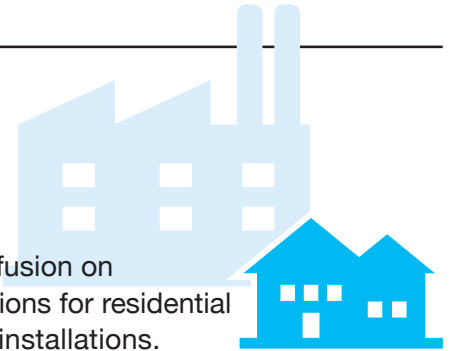
# Reality Check: Surge Protection



Our recent survey showed almost **30%** of contractors were unsure of the new responsibilities around surge protection ...

The 18<sup>th</sup> Edition of the Wiring Regulations introduced a number of changes, including the topic of surge protection, which has caused some confusion within the electrical trade.

... with most confusion on appropriate solutions for residential and commercial installations.



## So, what do contractors need to know about surge protection to remain compliant?

For commercial installations, a surge protection device (SPD) should be fitted if the consequences caused by an overvoltage result in:

- ✓ Serious injury, or loss of human life
- ✓ Interruption of public services and/or damage to cultural heritage
- ✓ Interruption of commercial or industrial activity
- ✓ A large number of co-located individuals being affected.

For an installation outside this, a risk assessment according to Regulation 443.5 will determine if protection against transient overvoltages is required.



For residential applications, the home owner will ultimately make the decision if an SPD is to be included, however, if an SPD is not installed, contractors should make a written record for any future reference.



# :hager

Hager provides pre-fitted distribution boards which include SPD protection built-in. This removes the need for additional wiring.

For more information on the 18<sup>th</sup> Edition, including the range of training courses offered by Hager, visit [www.hager.co.uk/18thEdition](http://www.hager.co.uk/18thEdition)

# Surge Protection Reality Check

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## Hager Gets Real On Surge Protection

According to recent industry research, surge protection remains the number one area of concern for electrical contractors following the introduction of the 18th Edition of the Wiring Regulations.

A poll by Hager highlighted almost one in three contractors admitted to still being unsure about their responsibilities around surge protection, with selecting appropriate solutions for both residential and commercial installations the biggest area of confusion.

To provide an at-a-glance overview to help contractors better understand their responsibilities to remain compliant, Hager has produced a Reality Check graphic guide, which is available to download below the article.

The Reality Check sets out the key points to consider when thinking about where surge protection devices should be fitted on commercial installation projects, and outlines the range of potential overvoltage scenarios contractors need to be mindful of. It also highlights instances where risk assessments should be undertaken, as well as offering practical guidance about approaching residential applications. To help electrical contractors, Hager provides a pre-fitted distribution board which includes a surge protection device built-in, removing the need for additional wiring.

The Reality Check is part of a range of helpful support material Hager has produced for electrical contractors to help them better understand the 18th Edition of the Wiring Regulations. These include bespoke 18th Edition training courses held at Hager's purpose-built training academy at Telford.

*Updated on 29/07/2019*