

Surge Protection FAQ's



Q: Do I need to fit a surge device per circuit?

A: No. You only need one device per board. That device will then protect every outgoing circuit on that board. This is because the device is wired in parallel to the board and not in series.

Q: Do I need two devices then in a split load board?

A: No. You only need one device per board, even on a split load board. This is because you only have one live and one neutral connection coming into the board and all you're doing is tapping off that supply in parallel to the board.

Q: If I have two consumer units mounted next to each other do I need two devices or will one be sufficient?

A: Where you have two consumer units directly next to each other (and within 10 metres of each other) you will only need one device. Mount the surge device off the first board and both boards will benefit from the surge device's protection.

Q: What if I have a sub-board more than 10 metres away from my main board? Will that need protecting too?

A: Yes. Any sub distribution boards 10 metres away from the main board will require additional protection.

Q: Does surge protection need its own back-up breaker?

A: No. It does not require its own back-up breaker. In fact, here at SPD Ltd we suggest in a domestic installation that you come off the ring main circuit. The surge device can be used as a spur off this circuit, and if the breaker trips for any reason the end user will be notified quickly when they realise their TV won't turn on. If the surge device was on its own breaker and the breaker got switched off for whatever reason, there could be a long delay before anybody notices.