

In order to protect operators and ensure compliance with safety legislation, it is important that machine guard safety switches cannot easily be overridden. This is a principle at the core of the design of Mechan Controls' newly upgraded SSS non-contact safety switch, which is operated by an electronically coded actuator.

The SSS has an LED indicator at the guard, and is available with either 2 safety contacts or 1 safety and 1 auxiliary contact, capable of switching up to 2 amps at 230Vac. This switching capability means the SSS can work with most safety relays and removes the need for buying a separate switch-specific safety control module.

The SSS safety switch uses the same tried and tested electronic safety switching available in the Mechan F-Series safety systems, but operates without the need for a specific control unit. The switch and actuator are fully encapsulated, resulting in a robust switch that is tolerant to wet and/or dusty conditions and will not be affected by high-pressure hose wash-down procedures. The 10mm switching distance is tolerant to misalignment and provides long-term reliability and consistent switching.

Designed and manufactured in the UK by Mechan Controls, the SSS is an ideal replacement for standard magnetic or mechanical safety switches, affording increased levels of security and the long-term reliability typically expected from electronic safety systems.