

# Safety Limit Switches



- Available with a wide choice of contact block configurations
- Single, double and triple conduit entry types
- Heavy duty, die-cast metal alloy housing models
- Impact resistant, self-extinguishing, glass-reinforced thermoplastic housing models
- Standard and compact sizes
- Dimensions in accordance with EN50047 and EN50041
- IP66 or IP67 protection
- Conform to BSEN60204-1 and BS EN1088

IMO's range of Safety Limit Switches are specially designed to match the increasing complexity of modern machinery, particularly in processes that require high operator intervention such as pick and place or assembly machines.

The comprehensive range consists of exciting model variants. Between them, the models provide solutions for rope switch actuation, rotating head and lever switching for open guard sensing and high-speed key entry switching that protects against damage caused by slamming guards. The safety switches can operate at 3600 operations per hour and have bifurcated gold plated contacts that offer longer life and better signal transfer. Contact change at 6° means that the switches give an early indication of an open guard. They come with PG13.5 or optional M20 conduit entry, an IP65-rated terminal chamber and eight contact block configurations.

Within the IMO range of safety products the FR family offers compact size and low cost to the machine builder whilst maintaining a comprehensive range of operation options.



## Safety Limit Switches

Part Number	Type	Contact Arrangement	Key Type
FR692-D-K70	Key operated safety interlock with M12 plug exit	NO+NC	Flat
FD1878	Rope operated stop switch	NO+NC	-
FR692-D1	Key operated safety interlock	NO+NC	90 Degree
FS2096D024-F	Solenoid key operated safety interlock	NO+2NC	Flat
FR2092-D2	Key operated safety interlock	NO+2NC	Flexible
FS2096D024-F1	Solenoid key operated safety interlock	NO+2NC	90 Degree
FD693-F2	Key operated safety interlock	NO+NC	Flexible
FR692-D	Key operated safety interlock	NO+NC	Flat
FS2096D024-F3	Solenoid key operated safety interlock	NO+2NC	Adjustable flexible
FR992-D	Key operated safety interlock	2NC	Flat