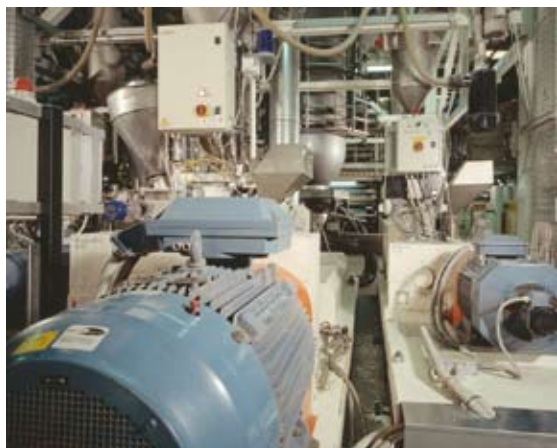


Limit-less Solutions... **RELIABLE**

**Fast
Facts**

When safety is an issue, ABB's LS...S and LS...SCR safety switches deliver security and protection in any industrial environment.



Why safety limit switches?

Safety switches monitor protective equipment (panel doors or screens) or detect hazardous movements of machine parts. Among other things, they feature positive-opening contacts, \ominus , which ensure a circuit is broken when the safety mechanism is activated (EN 60947-5-1). ABB's series of safety limit switches meet all applicable industry standards for safety.

Applicable Markets:

- Heavy Conveyors
- Manufacturing
- Food & Beverage
- Metal processing
- Gates, Doors, Hinges
- Control cabinet doors
- Indoor & outdoor environments
- ...Hundreds of other applications!

Product Features:

- Metal or plastic casings, NEMA 4
- Standard drilling plan for conventional 30mm, 40mm, & 60mm switches (according to EN50047 and EN50041) make replacing an existing switch easy
- Shock and vibration resistant
- Various operators available: keyed, latch/reset, cable pull, rotative axis/lever fit into any application necessary
- Available as individual components or assembled units for easy ordering. No additional labor required
- Up to 3 contacts available, electrically separated (Zb design)
- Immune to electromagnetic interference
- Positive opening contacts \ominus help ensure opening of even a welded contact by applying force directly to a normally closed contact, even if it has not opened with the snap action mechanism



Limit Switches - LS...S
Safety, NEMA4

ABB

Your #1 Source for Sensing Solutions...

The Complete LS Series of Limit Switches from ABB is wide enough to cover all areas of mechanical sensing applications and solutions.

INDUSTRIAL:

Metal Casing – LS..M.. Series

- NEMA 4X, IP66
- 30mm, 40mm, 60mm widths
- Zinc, epoxy-sealed
- 26 standard operating heads
- Available as complete assemblies or modular components

ECONOMICAL:

Thermoplastic Casing – LS..P.. Series

- NEMA 4, IP65
- 30mm, 40mm, 60mm widths
- Fiberglass reinforced UL-V0 thermoplastic
- Double insulation □
- 28 standard operating heads
- Available as complete assemblies or modular components

RELIABLE:

Safety Switches – LS..-S and LS..-SCR Series

- NEMA 4
- 30mm, 40mm, 60mm widths
- Safety orange casing of either thermoplastic or zinc (LS..-S)
- Key switches, cable-pull, rotating axis/lever
- Latch with manual reset available (LS..-SCR)
- Available as complete assemblies or modular components

COMPACT:

Miniature Switches – LS2.. Series

- Metal casings, NEMA 4, 4X, 6
- Plastic casings, NEMA 1
- 30mm and 35mm widths
- Compact design for tight mounting spaces
- Prewired with desired length of cable
- 16 operator heads available



For more information, contact:

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