

Limit-less Solutions...
ECONOMICAL

**Fast
Facts**

**Limit Switches - LS...-P...
Plastic Casing, NEMA4**

ABB's NEMA 4 thermoplastic-casing mechanical limit switches offer the same high-integrity switching in a cost effective general-purpose package.



The thermoplastic line of mechanical limit switches from ABB, the LS..P. series, are designed to deliver sensing consistency, excellent contact integrity, and long-lasting product life. Standard mounting dimensions of 30, 40, or 60mm widths and a choice of 28 operating heads make ABB's one of the widest limit switch ranges on the market.

Applicable Markets:

- Conveyors
- Control panels & Cabinets
- Food & Beverage
- Pulp & Paper
- Gates, Doors, Hinges
- Packaging
- Counting
- Indoor or outdoor environments
- ...Hundreds of other applications!

Product Features:

- Double insulation to reduce the risk of electrical shock; NEMA 4, IP65. Thermoplastic (UL-V0) casings.
- Standard drilling plan for conventional 30mm, 40mm, & 60mm switches (according to EN50047 and EN50041) make replacing an existing switch easy
- Shock and vibration resistant
- 28 standard operating heads, including rollers, levers, rods, whiskers, and plungers, for 99% of applications
- Available as individual components or assembled units for easy ordering. No additional labor required
- Strong current switching (5A conventional thermal current)
- 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



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:

Lacey Morgan

Product Marketing – Pilot devices

ABB, Inc. – Low Voltage Products & Systems

(940) 397-7191

lacey.t.morgan@us.abb.com