# Double-door FAQs

**Q: *How is Eaton's new double-door heavy-duty safety switch different from standard safety switches found in the market today?***

**A:** Independent mechanically interlocked doors isolate the switch base and line-side power from the fuse base, enabling the lower fuse compartment door to be opened when the switch compartment door is closed. There is also an internal barrier between the upper and lower compartments, which further separates the fuse compartment from the upper section that accommodates the incoming phase conductors.

**Q: *Are there other safety features designed into the double-door product?***

**A:** Yes. A viewing window within the upper door and internal enhanced visible blade components allow simple verification that the circuit is open when the handle is in the OFF position. There are also optional voltage indicators providing redundant verification.

**Q: *What amperages are available?***

**A:** The complete line of double-door products range from 30 A to 1200 A—the same range typical for standard heavy-duty safety switches.

**Q: *What NEMA® ratings are available?***

**A:** The double-door switches are available in NEMA type 12/3R and 4/4X. The 4X are available in 304- and 316-grade stainless steel.

**Q: *What facilities would benefit most from the double-door safety switch?***

**A:** Like a standard safety switch, the revolutionary double-door design is applicable across almost all market segments: industrial facilities, light commercial and commercial construction, education institutions, healthcare facilities, water and wastewater treatment plants, and many others.

**Q: *Other than the two physical doors on the front of the product, what other safety features have been designed into the double-door safety switch?***

**A:** The double-door has many features that enhance safety:

- Interlocking mechanism—Keeps the door closed when the handle is in the ON position, with a defeat mechanism enabling user access when necessary
- Internal barrier—Isolates the fuse base from the line-side power, each having its own separate compartment
- Viewing window—An external window and enhanced visible blade components enable confirmation of whether the circuit is open or closed. This allows personnel to clearly see that the blades are disengaged from the stationary contacts when the switch is OFF
- Latch fasteners—Allow easy and quick access to replace fuse(s) while remaining separated from the line-side power

**Q: *Are there any other products in the market that are similar in design, offering similar features?***

**A:** No, this revolutionary design is an Eaton exclusive.

**Q: *Can the wireway on the bottom be removed?***

**A:** Yes, for 30 A through 200 A, the bottom wireway can be removed if necessary, e.g., for top-entry, top-exit applications. The larger units (400 A through 1200 A) have been designed with the wireway behind the fuse and switch base, so no removal is necessary.

**Q: *Who do I contact if I am interested in special modifications for my double-door switch?***

**A:** The Flex Center is equipped to suit the needs of any customer, whether you need extra safety measures, custom paint, nameplates, unique mounting options or a multitude of other options. If you have any questions, visit www.eaton.com/flex.

**Q: *What types of options are available for this new product?***

**A:** As with Eaton's standard safety switches, there are an abundance of options and accessories available—anything from auxiliary contacts, control poles, trapped key interlocks, and special lugs and nameplates to voltage indicators, voltage probes, special paint colors, and more. If you have any questions, contact the Flex Center, Eaton's custom mod shop located at the safety switch manufacturing plant in Cleveland, TN. Call 888-329-9272 or email FlexSwitches@eaton.com.

Powering Business Worldwide

**Eaton**
1000 Eaton Boulevard
Cleveland, OH 44122
United States
Eaton.com


Printed in USA
Publication No. SA008009EN / Z19742
August 2017