

## **FAQs: Circuit Breakers**

1. [Some European breakers are created to be fed from the bottom but most American breakers are fed from the top. What is the ruling in the USA for a standard or suggested wiring of din mounted circuit breakers either bought from the US or European.](#)

**Some European breakers are created to be fed from the bottom but most American breakers are fed from the top. What is the ruling in the USA for a standard or suggested wiring of din mounted circuit breakers either bought from the US or European.** There are three parts to the answer – Section 240-81 of the National Electrical Code requires that when mounted in use and the handle is operated vertically that “up” is “on” and “down” is “off”. DIN mounting can orient a breaker so that the handle direction is vertical or side to side but if vertical it must comply with this which defines the “top” and the “bottom”. If used in the US the circuit breaker must be listed in accordance with UL 489 to assure that it meets the requirements of the US wiring rules. If a UL 489 listed circuit breaker is marked “line” and “load” it must be wired accordingly. If it is not marked it can be wired either way.