

MP15 Blowing Fuses.

The following is a general discussion on what to do when an MP15 fuse is being blown. This information is relevant to both MP15 plug in style and MP15D Din rail mount. A few questions you might have;

1. What is the rating of the MP15 fuse?

The MP15 has an internal 5Amp (5mmx 20mm) fast blow Fuse. We recommend a control circuit breaker of no more than 6 Amps.

2. How can I change the fuse?

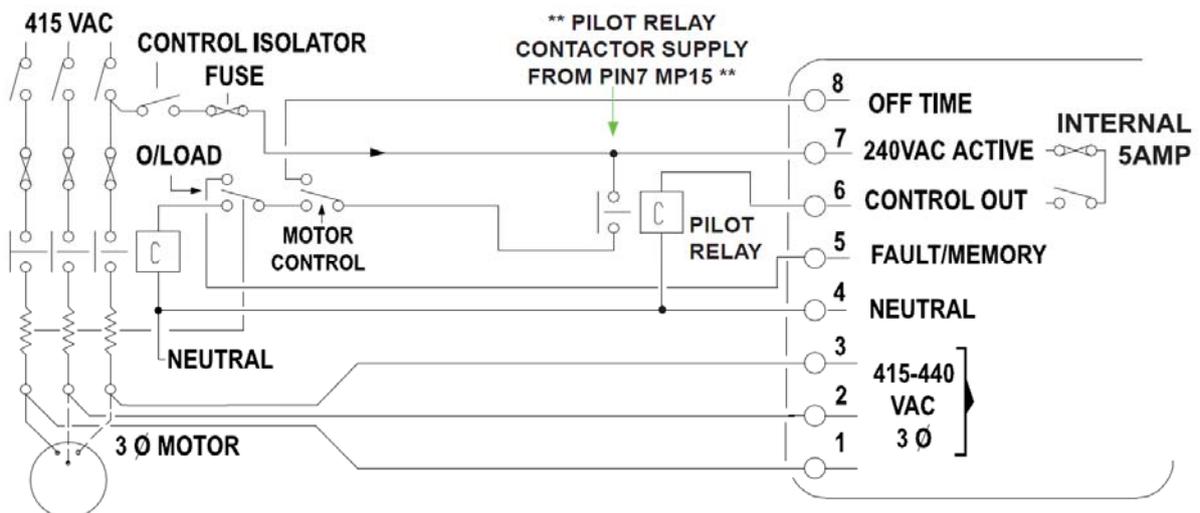
It is possible to replace the fuse as the end caps are push on. However they are a tight fit and we recommend you return it to the factory for us to do. Phasefale has a policy that if you return the unit to the factory we will replace blown fuses free of charge in the warranty period (excluding delivery costs)

3. I am blowing fuses on a circuit regularly. What should I do?

If your 240VAC control circuit runs normally, you would expect a control current for a typical (single three phase) motor between 0.05A to 0.2 Amps. The startup current might be say .3- 1.0Amps for a very short time. Hence to blow the fuse there is a most likely an intermittent high current draw. First operate all different controls in the circuit to check. If nothing is obvious it may require MEGA testing of the circuit. Another common fault is an intermittent contactor coil which arcs internally and is not easy to spot. For problem circuits it is often worthwhile to replace the contactor coil.

4. How can I bypass the MP15 fuse in a circuit?

Here is a schematic where a pilot relay is driven from the MP15 to isolate the MP15 from control circuit overloads and damage to the MP15. A pilot relay isolates the MP15.



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