

In this version of the limiter, I had to return the ground connection through the motor because no other ground connection is available. This is not the normal way to do things, but when you have no choice...

See my preferred version, if you can add a separate ground

I changed the value of R2 to 0.27 ohms, to limit current around 2.3 A. That should be reasonable for all applications. If you want to adjust the limiting current to your own specifications, use this simple formula:

$$0.6 / \text{desired current} = \text{required resistance}$$

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