Adding relays to operate high and low beam headlights

I like to use separate relays for the high and low beam circuits. That way, if one relay fails, I still have lights.

high beam relay

High beam wire from handlebar switch — | 86 | | 85 | — Ground

To high beam terminal on the headlight — | 87 | | 30 | — New wire from fuse panel

low beam relay

Low beam wire from handlebar switch — | 86 | | 85 | — Ground

To low beam terminal on the headlight — | 87 | | 30 | — New wire from fuse panel