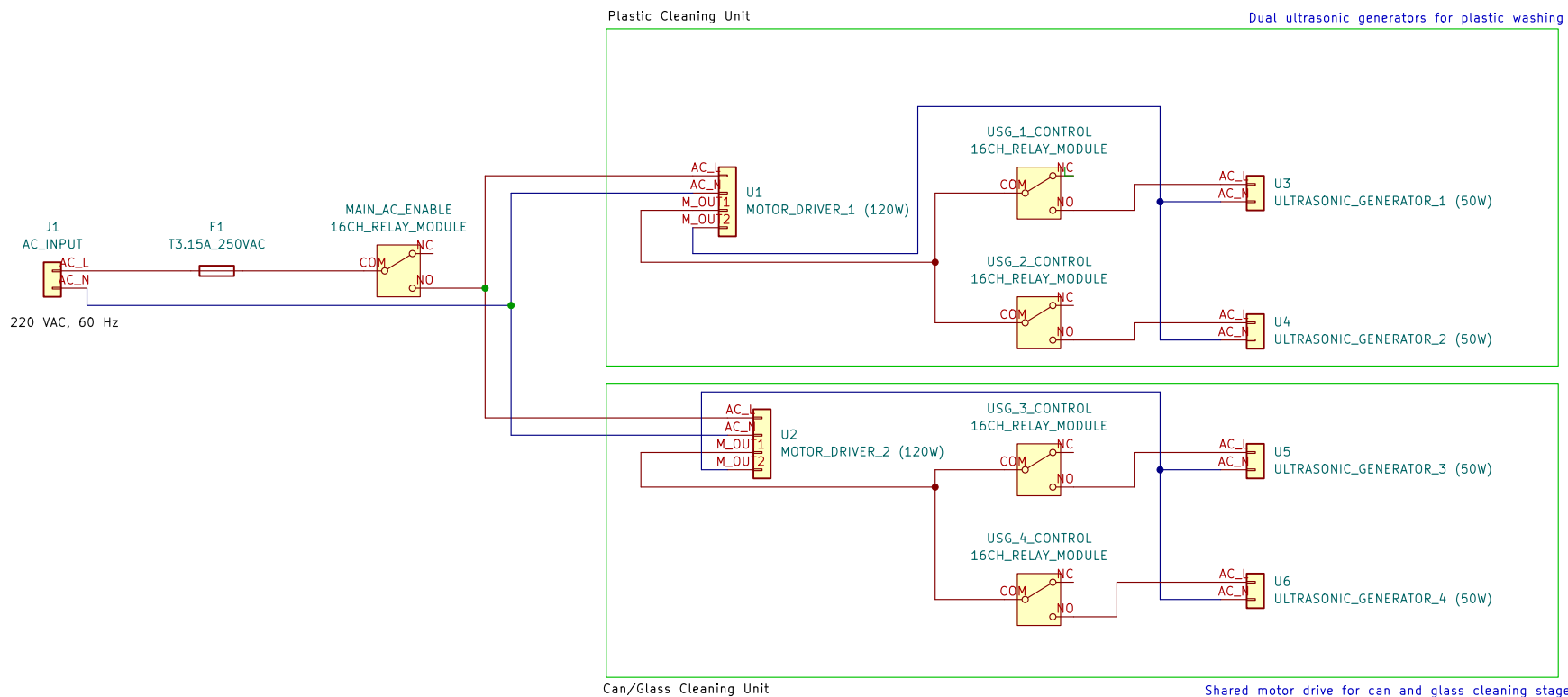




AC and DC loads were controlled using a shared 16-channel relay module.
Only contact paths relevant to this schematic are shown.

Implemented power distribution and relay-based load control architecture for the smart recycling cleaning system.

This portfolio-oriented schematic was redrawn from the implemented prototype. Relay coil drive details were omitted for clarity.

Sheet: /
File: RecyclingSystem-Power-Architecture-AC.kicad_sch

Title: Simplified Power and Relay Control Schematic

Size: A4 Date: 2026-04-19

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Rev: A

Id: 1/1