H-Bridge Motor Driver

Raspberry Pi

GPIO Pin 7

GPIO Pin 6

GPIO Pin 5

GPIO Pin 4

12V N.C.

12V N.C.

12V N.C.

12V In

12V In

12V In

Water Solenoid

Coffee Machine

Close Coffee Solenoid

Open Coffee Solenoid

120V In

120V N.C.

Channel 4 Relay Module

Channel 3 Relay Module

Channel 2 Relay Module

Channel 1 Relay Module

12 V Power Supply

Ground

Neutral

Hot

Receptacle