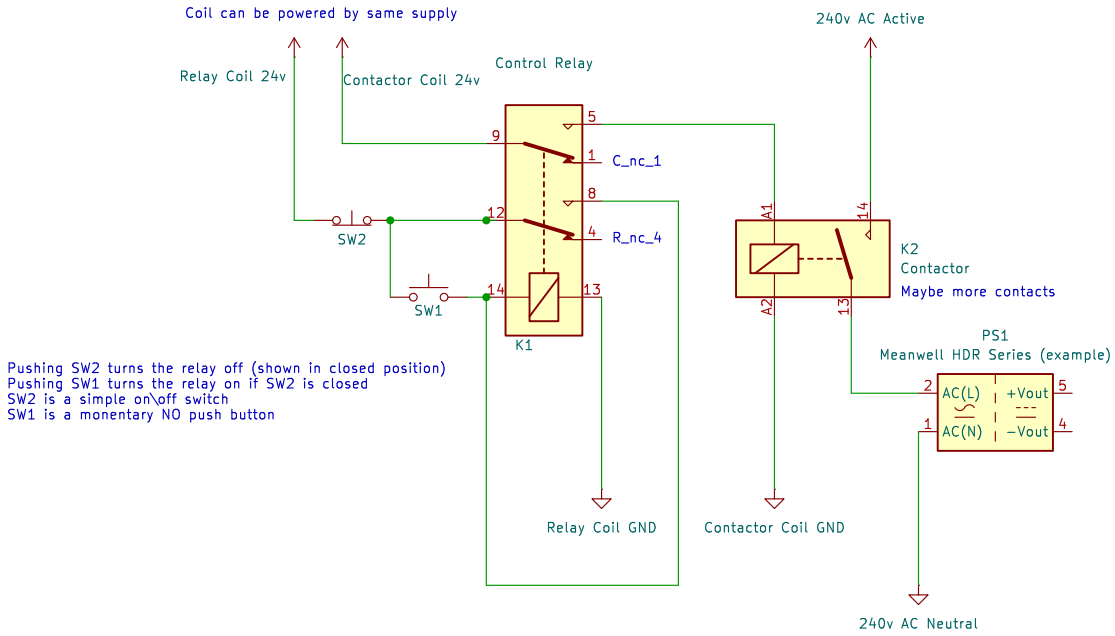
Coil can be powered by same supply
Relay Coil 24v
Contactor Coil 24v
Control Relay
240v AC Active
9
5
1
C_nc_1
8
12
4
R_nc_4
SW2
SW1
14
13
K1
A1
14
A2
13
K2
Contactor
Maybe more contacts
PS1
Meanwell HDR Series (example)
2
AC(L)
+Vout
5
1
AC(N)
−Vout
4
Pushing SW2 turns the relay off (shown in closed position)
Pushing SW1 turns the relay on if SW2 is closed
SW2 is a simple on\off switch
SW1 is a monentary NO push button
Relay Coil GND
Contactor Coil GND
240v AC Neutral