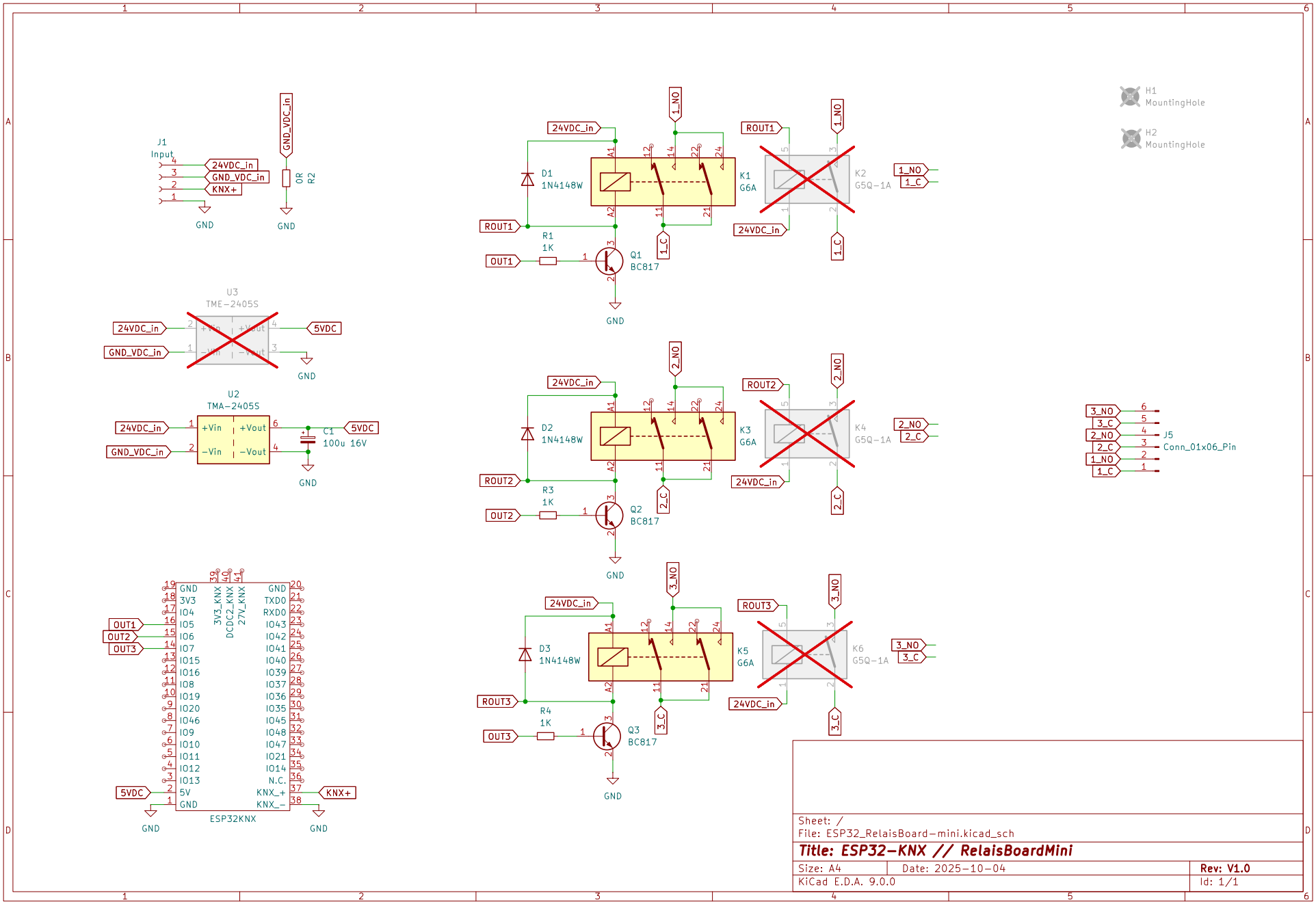
J1
Input
24VDC_in
GND_VDC_in
KNX+
GND
GND_VDC_in
0R
R2
GND
U3
TME-2405S
24VDC_in
GND_VDC_in
+Vin
-Vin
+Vout
-Vout
5VDC
GND
U2
TMA-2405S
24VDC_in
GND_VDC_in
+Vin
-Vin
+Vout
-Vout
C1
100u 16V
5VDC
GND
ESP32KNX
OUT1
OUT2
OUT3
5VDC
KNX+
GND
GND
3V3_KNX
DCDC2_KNX
27V_KNX
D1
1N4148W
R1
1K
Q1
BC817
K1
G6A
K2
G5Q-1A
1_NO
1_C
ROUT1
OUT1
24VDC_in
D2
1N4148W
R3
1K
Q2
BC817
K3
G6A
K4
G5Q-1A
2_NO
2_C
ROUT2
OUT2
D3
1N4148W
R4
1K
Q3
BC817
K5
G6A
K6
G5Q-1A
3_NO
3_C
ROUT3
OUT3
H1
MountingHole
H2
MountingHole
J5
Conn_01x06_Pin
Sheet: /
File: ESP32_RelaisBoard-mini.kicad_sch
Title: ESP32-KNX // RelaisBoardMini
Size: A4
Date: 2025-10-04
Rev: V1.0
KiCad E.D.A. 9.0.0
Id: 1/1