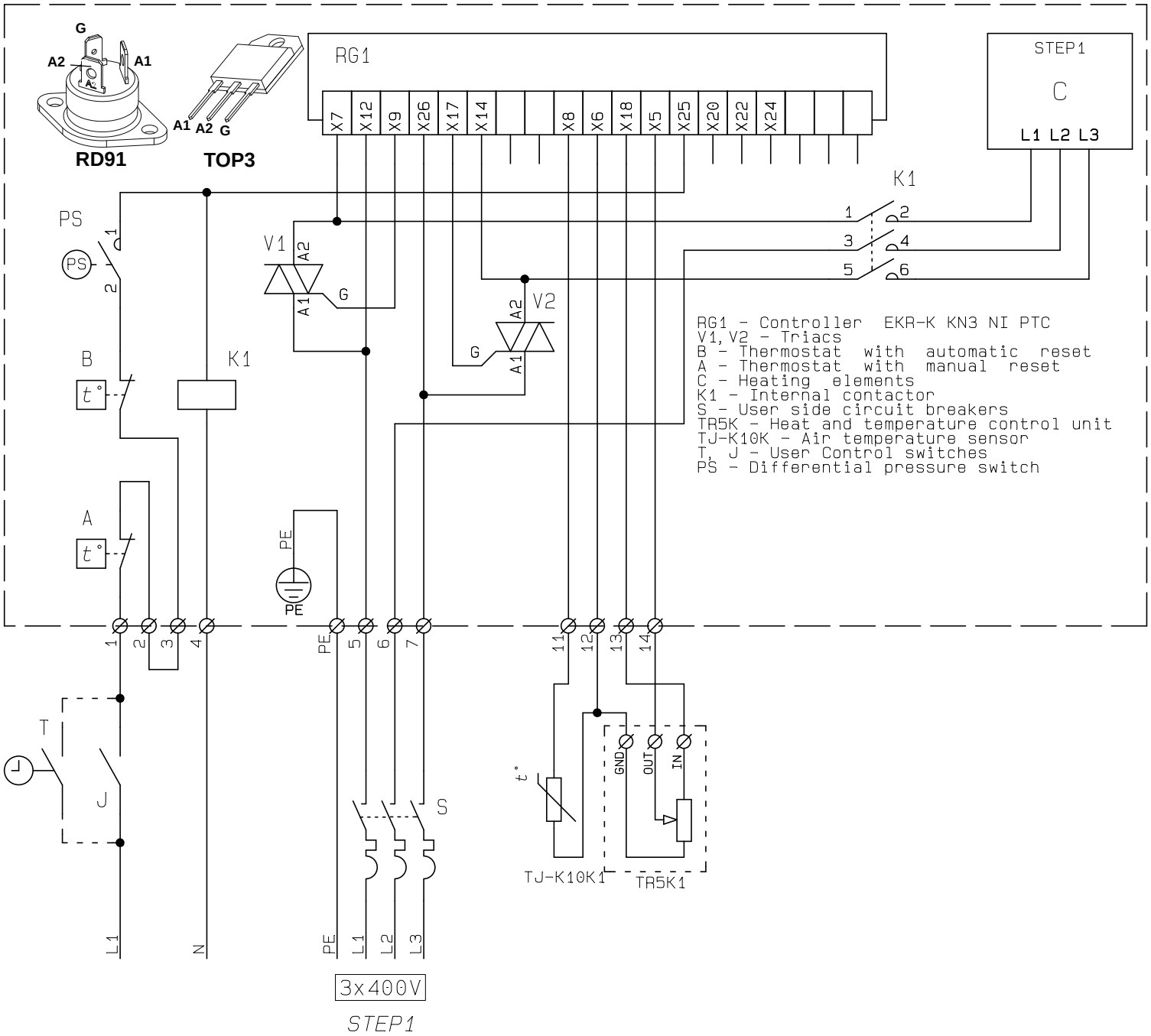
G
A2
A1
RD91
A1 A2 G
TOP3
RG1
X7 X12 X9 X26 X17 X14 X8 X6 X18 X5 X25 X20 X22 X24
STEP1
C
L1 L2 L3
K1
1 2
3 4
5 6
PS
V1
V2
A2
A1
G
B
K1
A
PE
RG1 - Controller EKR-K KN3 NI PTC
V1,V2 - Triacs
B - Thermostat with automatic reset
A - Thermostat with manual reset
C - Heating elements
K1 - Internal contactor
S - User side circuit breakers
TR5K - Heat and temperature control unit
TJ-K10K - Air temperature sensor
T, J - User Control switches
PS - Differential pressure switch
1 2 3 4 PE 5 6 7 11 12 13 14
T
J
S
GND OUT IN
TJ-K10K1
TR5K1
L1 N PE L1 L2 L3
3x400V
STEP1