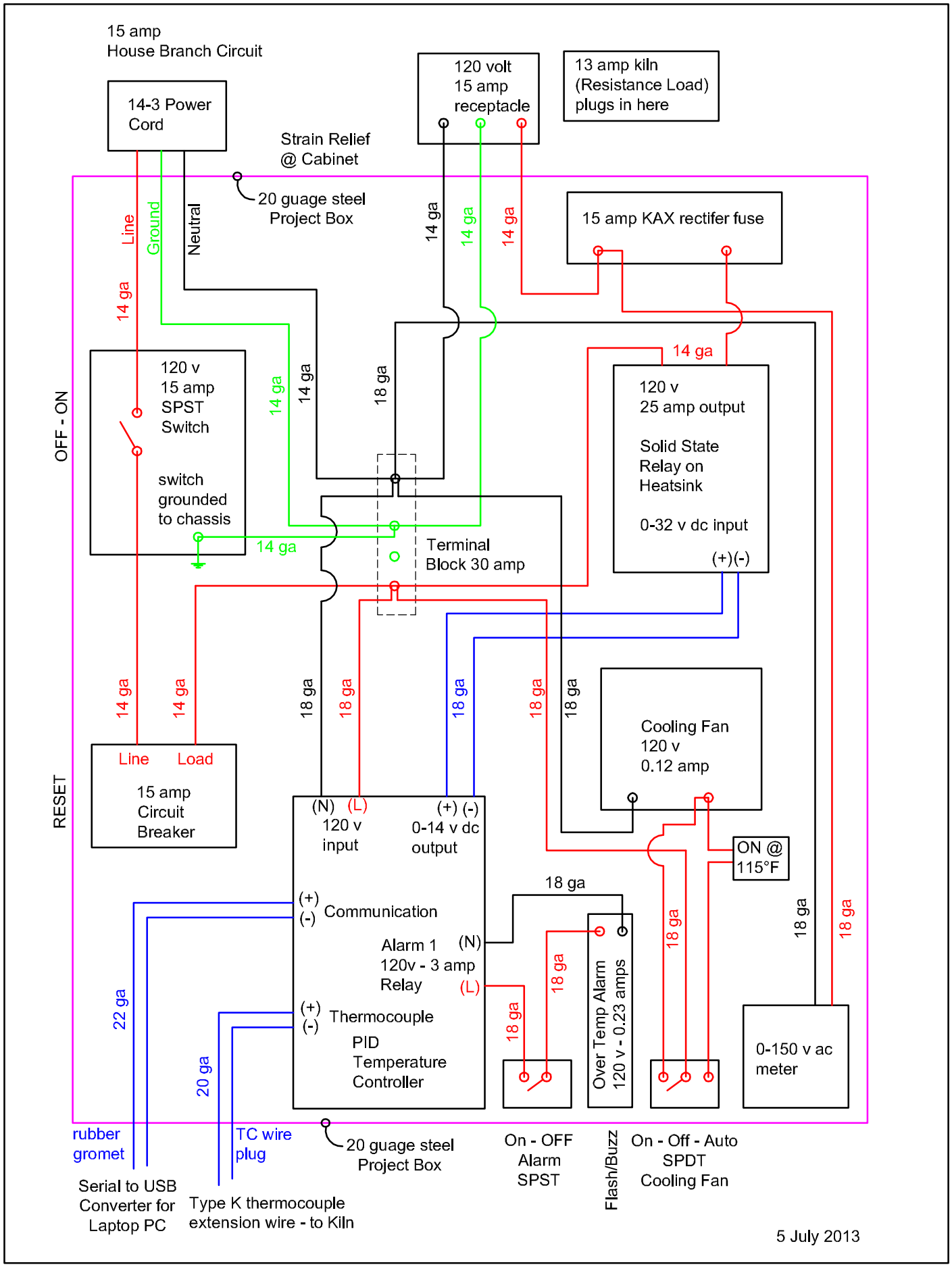
15 amp
House Branch Circuit
14-3 Power
Cord
Strain Relief
@ Cabinet
20 guage steel
Project Box
120 volt
15 amp
receptacle
13 amp kiln
(Resistance Load)
plugs in here
15 amp KAX rectifer fuse
Line
Ground
Neutral
14 ga
14 ga
14 ga
14 ga
14 ga
14 ga
18 ga
OFF - ON
120 v
15 amp
SPST
Switch
switch
grounded
to chassis
Terminal
Block 30 amp
120 v
25 amp output
Solid State
Relay on
Heatsink
0-32 v dc input
(+)(-)
RESET
Line
Load
15 amp
Circuit
Breaker
(N) (L)
120 v
input
(+) (-)
0-14 v dc
output
Cooling Fan
120 v
0.12 amp
ON @
115°F
(+)
(-)
Communication
Alarm 1
120v - 3 amp
Relay
(N)
(L)
(+)
(-)
Thermocouple
PID
Temperature
Controller
22 ga
20 ga
Over Temp Alarm
120 v - 0.23 amps
0-150 v ac
meter
rubber
gromet
TC wire
plug
20 guage steel
Project Box
On - OFF
Alarm
SPST
Flash/Buzz
On - Off - Auto
SPDT
Cooling Fan
Serial to USB
Converter for
Laptop PC
Type K thermocouple
extension wire - to Kiln
5 July 2013