



# New Style 3-Heat Switch Conversion

1. Unplug your kiln from the power supply. Open the control box containing the switch you want to replace. See instructions for removing the boxes in the kiln operating manual.
2. Remove the 3-heat switch knob by grasping the knob firmly and pulling straight out. The knob should come off easily exposing the Pal nut. This knob will not fit on the new switch so you can throw it away
3. Remove the Pal nut using a 5/8" wrench. The switch can now be removed from the control box.
4. Mark all of the wires with their new location before cutting them so you can be sure to place them correctly on the new switch. Use the chart below for reference.

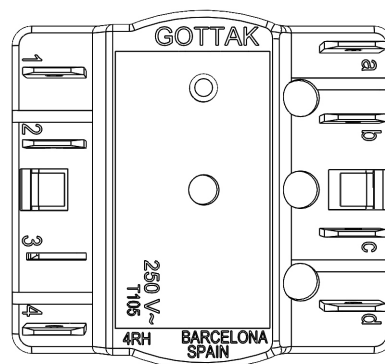
Old Switch	L1	N	1	2	3
New Switch	A	D	4	2	1



5. One at a time, use wire cutters to cut the wires just above the connector. Strip the insulation back on each wire and firmly crimp on the new connectors. The two wires marked "4" will both crimp into the yellow connector, all other wires will use the blue connectors (see note below for models 714 and 145).
6. Place the newly crimped connector onto the correct position of the new switch before moving on to the next wire. Make sure the connection is tight.
7. Place the switch with all the wires connected through the switch hole and secure it with the 2 mounting screws included in your kit. Make sure it is oriented as shown in the picture below.
8. Install knob on the switch shaft. Reattach the control box to the kiln. Take care not to pinch any electrical wires in the process.
9. Monitor your first several firings with pyrometric cones to ensure proper switch operation.



TOP



*The top switch on models 714 and 145 will only have 1 wire connecting to position 4 on the new switch and no wires connecting to position 2. Use the blue connectors for position 4 and position 1.*