

## PRODUCT: Selector Switch

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### PROBLEM:

A high-end residential kitchen appliance manufacturer needed to maintain the 'mechanical' feel their customer base expected, yet provide the temperature control and operating flexibility of electronic control.

### ELAN SOLUTION:

Elan designed a metal-bodied, metal-shaft, selector switch with internal electronics to connect to an electronic control via low-voltage signal.

### RESULTS:

Elan's selector switch, through changing 1 internal component, serves as a temp input (3 pos) or cycle select (6pos, 10pos, etc.). It can also be provided in standard turn or push to turn to satisfy '2-step on' requirements if needed. The customer feel is identical to the previous electro-mechanical switches. The low voltage approach eliminated line power at the panel, eliminating a potential UL safety concern. The switch fits the same mounting holes as the previous electro-mechanical switch, and the shaft was tooled to match, too, so the OEM mounts the switch in the same way, with the same knob. The design has been in production for over (7) years with hundreds of thousands of units supplied.

