member and a shaft for moving the same, a plurality of fixed spaced electrical contacts electrically cooperating therewith, said member being adapted to assume contact and out-of-contact positions, a terminal for external connection to said switching member, a circuit breaker electrically connected in series between said switching member and said terminal, said circuit breaker including a movable element operable to open and close said circuit breaker, means independent of said circuit breaker for moving said shaft, linkage means actuated by movement of said switching member, and stop means actuated by said linkage means, said stop means being disposed so as to coact with said movable element to lock said circuit breaker open when said switching member assumes an out-of-contact position.

9. In a selector switch, a movable switching member, a plurality of spaced fixed electrical contacts cooperating therewith, each said contact comprising an area permitting limited movement of said member while maintaining connection therewith, a terminal for external connection to said switch, a circuit breaker connected in series between said switching member and said terminal and having a movable element, linkage means connecting said switching member to said movable element and disposed so that the movement of said switching member which disconnects said switching member from one of said contacts actuates the movable element of the circuit breaker, disconnecting said terminal from said switching member during said limited movement and prior to disconnection of said switching member from said contact.

10. A selector switch including, two switching means, the first of said switching means having selective contacting means and a plurality of fixed contacts cooperating therewith, said contacts being spaced apart in the same plane, said contacting means being movable parallel to said plane for selective electrical connection with said contacts, said contacting means being also movable toward and away from said plane, a terminal for external connection to said contacting means, second switching means connected in series between said selective contacting means and said terminal such that the opening of said second switching means disconnects said contacting means from said terminal, a movable element on said second switching means operable to open the same, mechanical linkage means connecting said selective contacting means to said movable element and operable in response to movement of said selective contacting means away from said plane to move said movable element of said second switching means and thereby open said second switching means.

11. A selector switch including, a shaft, selective switching means mounted thereon, a support in which said shaft is journalled for axial and rotary movement with respect thereto, a plurality of contacts supported in fixed relation to said switching means for electrical cooperation therewith, said switching means being rotatable for selective alignment with any one of said contacts only when disconnected therefrom, and being movable axially to effect electrical connection of the switching means to a selected contact, a terminal, a circuit breaker connected in series between said terminal and said switching means, said circuit breaker having a movable element by which said circuit breaker



is opened and closed and which is movable independently of said shaft, linkage means mechanically linking said switching means to said movable element and disposed so as to actuate said movable element and open the circuit breaker in response to and coincident with axial movement of said shaft and said switching means in a direction to effect disconnection from said contact, and stop means on said circuit breaker actuated by said linkage means, said stop means coacting with said movable element to prevent closure of said circuit breaker while said selective switching means is disconnected from said contact.

12. A selector switch including a shaft, selective switching means movable therewith, a support in which said shaft is journalled for axial and rotary movement with respect thereto, said shaft comprising two sections, an insulating block interposed between said two sections so as to mechanically link and electrically insulate said sections, means connecting said switching means to one of said sections, a plurality of fixed contacts arranged in a closed circle on a single plane to provide uninterrupted rotation of said switching means in both clockwise and counterclockwise directions for selective alignment thereof with any one of said contacts, said shaft being movable axially in said support to effect electrical connection of said switching means to a selected contact, a spring contact in connection with said section of said shaft disposed so as to wipe said section of the shaft in both its axial and rotary movement, a terminal, a circuit breaker having a movable member and being connected through said spring contact in series between said terminal and said switching means, linkage means mechanically linking said switching means to said circuit breaker and disposed so as to actuate said movable member and open said circuit breaker in response to and coincident with axial movement of said switching means in a direction away from said plane to effect disconnection from said contact, and stop means on said circuit breaker actuated by said linkage means, said stop means coacting with said movable member to prevent closure of said circuit breaker while said selective switching means is disconnected from said contact.

13. An electrical control system including a load to be controlled, a source of electric power, a plurality of feeder circuits having various electrical characteristics, means connected in said feeder circuits for controlling said characteristics, said feeder circuits being connected in common to said power source, selective switching means for connecting said load to said power source through any one of said feeder circuits, said switching means comprising, a plurality of contacts each of which is connected to one feeder circuit, selective contacting means disposed for rotary movement to permit selection of any one of a plurality of contacts, and disposed for axial movement in one direction to connect the selected contact with said contacting means, locking means including extensions of said contacting means and said contacts coacting in said axial movement so as to lock said contacting means against rotary movement while said selective contacting means is electrically connected to a selected contact, a terminal connectible to said load, a circuit breaker connected in series between said terminal and said selective contacting means, and linkage means mechanically connecting said