

ABSTRACT OF DISCLOSURE

MOTOR OPERATOR FOR ELECTRICAL SWITCHES

A motor operator unit for an electrical switch is pivotally mounted on a bracket to swing between a closed, operative position in which an actuator in the motor operator unit engages the switch handle for electrical operation of the switch handle and an open position in which the switch handle is freely accessible for direct manual operation. The compliant actuator which is translated by a motor driven threaded shaft overtravels at each end of its reciprocal path after actuation of the switch handle to toggle a single power switch which determines both direction and shutoff of motor operation. A lockout plate mechanically prevents electrical and manual operation of the switch handle and carries an interlock switch which only enables motor operation when the motor operator unit is in the operative position and not locked out. The actuator is configured to prevent full rotation of the motor operator to the operative position, if the position of the actuator, which is virtually identified by indicators, does not correspond to handle position.

(Fig. 1)