



CM-4AE

Motor Operator for
Circuit Switcher Operation

Precision built, high torque motor operator

The Southern States CM-4AE motor operating mechanism is a precision built, high torque motor operator. The CM-4AE is designed to provide dependable power operation of circuit switchers and to coordinate with various applications in local or remote operations.

FEATURES

- Aluminum enclosure
- Hinged, removable cabinet door
- Decoupler for vertical operating pipe
- Manual operating handle
- Open-close pushbuttons

SPECIFICATIONS

For use with :

- CSH
- CSH-B
- LSH
- LSH-B

CM-4AE

Motor Operator for
Circuit Switcher Operation



OUTPUT TORQUE	OPERATING TIME (Seconds)
32,000 in – lbs	8

VOLTAGE		
VDC	Inrush (Locked Rotor)	Running
48	75	15
125	33	7.5
250	*	*

* Contact Southern States

ADDITIONAL KEY FEATURES

- Operations counter
- Local-remote selector switch
- 12 stage auxiliary switch (can be set as any combination of normally open or closed contacts; 8 of the 12 stages are for customer use)
- Terminal blocks
- Reversing contactor
- Position indicating lights
- 100 watt heater (either 120 VAC or 240 VAC)
- Thermostat for heater
- Manual crank handle (insertion automatically disconnects the motor circuit)
- Internal cabinet light with toggle switch
- Dead front panel
- Fused pullouts for protection of motor circuit, control circuit and heater circuit
- Decoupler for vertical operating pipe
- Electric motor (either 48 VDC OR 125 VDC)

Optional Features

- Extra auxiliary switch stages
- View window in front cabinet door
- Screened, venting cabinet louvers
- Fuse knife switches or molded case circuit breakers
- Terminal lug for cabinet grounding
- Door actuated remote blocking switch
- Door actuated light switch
- Duplex receptacle with GFCI
- Bridge rectifier (allows 120 VAC input to be converted into 125 for use in operating the DC internal components of the motor operator)