

Local and remote switching capability



The Eaton motor operator mechanism enables local and remote ON, OFF and reset switching of a circuit breaker. The motor operator is mounted on the circuit breaker cover within the dimensions of the circuit breaker. The robust motor operators offer various voltages to maximize customer flexibility. Standard load transfer switching can be accomplished through the use of two circuit breakers fitted with motor operators and a mechanical interlock.

Features, functions and benefits

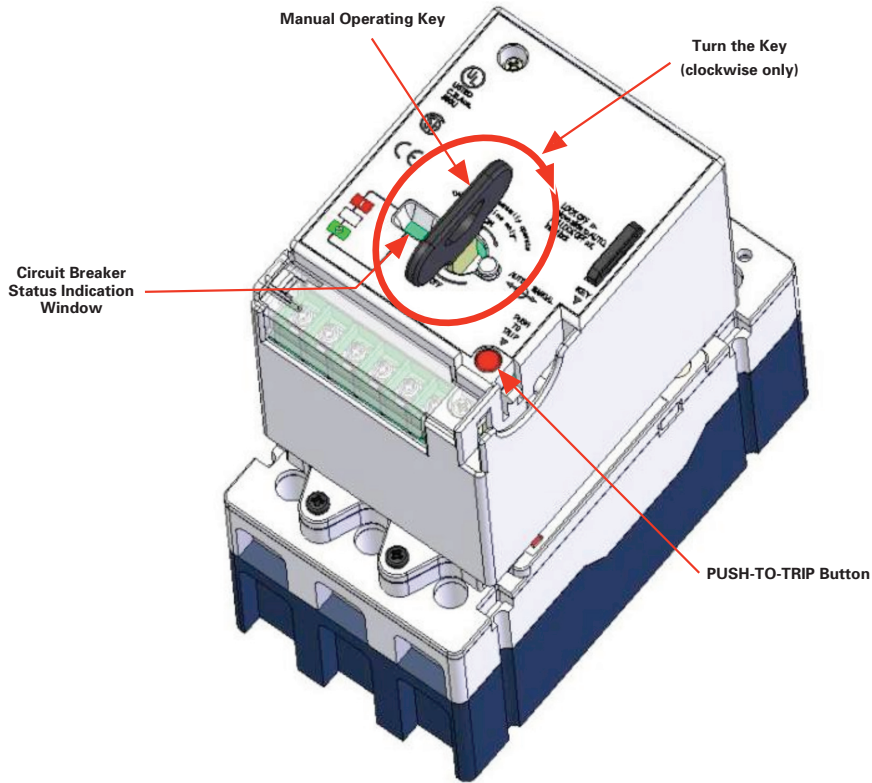
The motor operator provides special features for ease of customer use and status indication.

- The motor operator allows the circuit breaker to be opened, closed or reset remotely
- The motor operator contains a motor connected to a cam drive mechanism. The cam drives a slide mechanism to operate the circuit breaker handle
- Internal limit switches and relays are used to control motor operation to prevent overdriving the circuit breaker handle and motor overload conditions
- A key is provided to manually operate the circuit breaker
- A special pull-out locking mechanism provides a method for padlocking the circuit breaker handle in the OFF position
- The locking device will accept three padlock shackles with a maximum diameter of 1/4-inch (6.4 mm) each
- The cover provides visual status of the circuit breaker: ON, OFF or TRIPPED. A PUSH-TO-TRIP button allows the user to manually trip the breaker

Standards and certifications

The motor operators are UL® and CSA® listed and CE marked. The table on the following page provides electrical rating data for the motor operators—E- through L-Frame.





Frame	Voltage	Frequency	Inrush Current	Catalog Number
Series G® E-Frame	100–240 Vac	50/60 Hz	1A	MOPEG240C
	100–220 Vdc	DC	1A	MOPEG240C
	24/48 Vdc	DC	3A	MOPEG48D
Series C® F-Frame	208–240 Vac	50/60 Hz	1A	MOPFD240C
	110–127 Vac	50/60 Hz	1A	MOPFD120C
	220–250 Vdc	DC	1A	MOPFD240C
	110–125 Vdc	DC	1A	MOPFD120C
	24 Vdc	DC	3A	MOPFD24D
Series G J-Frame	208–240 Vac	50/60 Hz	1A	MOPJG240C
	110–127 Vac	50/60 Hz	1A	MOPJG120C
	220–250 Vdc	DC	1A	MOPJG240C
	110–125 Vdc	DC	1A	MOPJG120C
	24 Vdc	DC	3A	MOPJG24D
Series G L-Frame	208–240 Vac	50/60 Hz	2A	MOPLG240C
	110–127 Vac	50/60 Hz	2A	MOPLG120C
	220–250 Vdc	DC	2A	MOPLG240C
	110–125 Vdc	DC	2A	MOPLG120C
	24 Vdc	DC	6A	MOPLG24D

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