

WL Circuit Breaker

www.usa.siemens.com/WLBreaker ¹

Bell alarm contact and reset coil (WLBA)

The bell alarm contacts are mechanically activated by the trip unit solenoid. If a breaker trip condition occurs, the bell alarm form-C contacts will change state closing or opening a user circuit wired to the secondary terminal block. The contacts can be locally reset to their original position by manually resetting the breaker trip button or through the use of a reset coil that resets the contacts remotely. See breaker wiring diagram for supply terminal locations. Non-automatic (manual) reset trip units can not be used with the reset coil option.



Characteristics table

Available contact configurations		Coil ratings
Remote Reset Coil AC Operation	Voltage	240VAC 50/60Hz
	Continuous Current	5A
	Making Current	8A
	Breaking Current	5A
Remote Reset Coil DC Operation	Voltage	24, 48, 125 or 250VDC
	Continuous Current	5A
	Making Current	.4A @ 24, 48, 125VDC, .2A @ 250VDC
	Breaking Current	.4A @ 24, 48, 125VDC, .2A @ 250VDC

Racking handle key lock

A draw-out breaker can be key locked (optional) or padlocked (standard not shown) in three racking positions; connect, test or disconnect. Key lock cylinders are available in Kirk or Superior types and uniquely keyed.



Breaker push button lock-outs

A finger or hand tool shroud option can be added to the breaker front cover to isolate the open and close buttons from unintentional use. Shrouds may be used in combination or like configuration.

To isolate the open and close buttons from unintentional use, transparent padlock covers can be installed in lieu of the shroud option. Two padlocks may be used with a latch diameter of 3/8 inch maximum (padlocks by others).



Close coil

To remotely close the WL breaker, a close coil must be used with a momentary electrical source. Only one close coil can be used per breaker. Charging springs must be charged and breaker open prior to activating the close coil. See breaker wiring diagram for supply terminal location.



Characteristics table

Close Coil AC Operation	120VAC Range	104 - 127VAC
	240VAC Range	208 - 254
	Power Consumption	120W for 50ms (5% duty cycle)
Close Coil DC Operation	Breaker closing time	50ms from point of signal
	24VDC	14 - 28VDC
	48VDC	28 - 56VDC
	125VDC	70 - 140VDC
	250VDC	140 - 280VDC
	Power Consumption	120W for 50ms (5% duty cycle)
	Breaker closing time	50ms from point of signal

¹ See page 106 for field install part numbers.