

Product Launch:

HomeLine Dual Function (CAFI + GFCI) Circuit Breaker

In addition to the HomeLine Combination Arc Fault Interrupters (CAFI), Schneider Electric also brings you another state-of-the-art product – **Dual Function (DF) circuit breakers**. The Dual Function breaker provides both **CAFI and 5mA GFCI protection in one single device**.

The new Dual Function circuit breakers help reduce installation time and labour and eliminate the hassle of using two separate devices to provide critical protection. HomeLine dual function circuit breakers are integrated with **TIME SAVER Diagnostics**, a unique feature that helps troubleshoot the circuit at the touch of a button.

HomeLine Dual Function circuit breakers are available in 1-pole, 15A & 20A, Plug-on Neutral & Pigtail Neutral formats.

Make your job easier and reduce costs.

The diagram illustrates the integration of two separate components into a single device. On the left, a 'Ground Fault Receptacle' (GFCI) is shown with its characteristic test and reset buttons. This is added to a 'Combination Arc Fault Circuit Interrupter' (CAFI), which is a larger rectangular device with a pigtail. The result is a '1-Pole Dual Function Circuit Breaker (CAFI + GFCI Protection)', a compact breaker with a pigtail. To the right of the breaker are two icons: a flame for 'Combination Arc Fault Protection' and a lightning bolt for 'Ground Fault Protection'.

Specification for 1-Pole Dual Function Circuit Breaker

- 120 Vac
- 15 – 20 A current rating
- Interrupt Ratings: 10 kA

Standards

- CSA® 22.2 No.5-09
- CSA TII No. M-02a

Advanced Ground Fault and Combination Arc Fault protection in single small Dual Function Circuit Breaker.

Circuit Breaker Type	Ampere Rating	1P 120 Vac 10k AIR 1 Space Required
		Catalog Number
HomeLine Dual Function Circuit Breaker with Pigtail Neutral	15	CHOM115DF
	20	CHOM120DF
HomeLine Plug-on Neutral Dual Function Circuit Breaker	15	CHOM115PDF
	20	CHOM120PDF



Best-in-class quality and reliability



How does TIME SAVER Diagnostics work?

TIME SAVER Diagnostics identify circuit issues faster. The TIME SAVER sequence is simple and easy to use, and requires no tools or special training.

- Simply turn off the circuit breaker, hold down the Push-To-Test button, and then turn the circuit breaker back on. It's that simple!
 - » If the circuit breaker trips immediately, it is detecting a Fault to Ground.
 - » If the circuit breaker trips after a 2-second delay, it is detecting an Arc Fault. In either case, it is an indication that there is an issue ON the circuit and NOT with the circuit breaker itself.

TIME SAVER Diagnostics is equipped in all Schneider Electric HomeLine CAFI Circuit Breakers (1-Pole and 2-Pole) and Dual Function Circuit Breakers with a date code of 1130 or higher.

Trips instantly (less than one second)	Trips at two seconds	Trips at five seconds
Fault to Ground <ul style="list-style-type: none">• Arcing to ground• Grounded neutral• Ground fault	Arc Fault <ul style="list-style-type: none">• Parallel arc fault• Series arc fault	Procedure Complete <ul style="list-style-type: none">• No fault• Thermal overload• Short circuit

For more information, see product literature ([click here](#))