

Classified Breakers



Contents

<i>Description</i>	<i>Page</i>
Product Selection	V1-T1-91
Accessories	V1-T1-93
Technical Data	V1-T1-93
Wiring Diagrams	V1-T1-94

Product Description

Eaton UL classified Replacement Circuit Breakers are available in both 3/4-inch Type CHQ and 1-inch Type CL, single- and two-pole configurations. These breakers are classified as direct replacements by Underwriters Laboratories. In addition to a UL listing, they also come with a 15-year warranty.

Specified vs. UL Classified

Specified breakers are listed by the manufacturer of the panelboard for use in a particular panel. This doesn't mean that the panelboard manufacturer produced the specified breaker; it merely means that the panelboard manufacturer has tested the breaker in the panel. In fact, through the years, Eaton has manufactured thousands of breakers for other panelboard manufacturers.

UL classified breakers are produced by one manufacturer for use in place of the breakers specified on the panelboard. Like specified breakers, UL classified breakers have been tested in the panels for which they are approved.

Testing

Classified breakers are tested extensively in numerous General Electric®, Siemens®, Murray®, Thomas & Betts®, Square D®, and Crouse-Hinds® panels. The tests are conducted with witnesses from Underwriters Laboratories Inc. and involve short-circuit, temperature, and insertion/withdrawal applications. This level of testing ensures that the breakers meet identified standards and have been found suitable by UL for the specified purpose.

Understanding Classified Breaker Terminology

Definitions

Specified circuit breaker—each manufacturer lists the brands of circuit breakers that can be used in their panelboards. Often, manufacturers will not list competitors as specified, even though they are suitable replacements.

Classified circuit breaker—a breaker that is considered suitable, by a qualified third-party organization, for use in another manufacturer's panelboard.

Listed breaker—the listing of a circuit breaker is by an independent third party. Eaton classified breakers are listed by UL.

Labeled breaker—a breaker with a label affixed by an independent third party.

1.5

Loadcenters and Circuit Breakers

Classified Circuit Breakers



1

Type CL Replacement Breakers for Square D HOMELINE, General Electric, Crouse-Hinds, Thomas & Betts, Murray and ITE®/Siemens Loadcenters

CL_

Type CL Breakers, 1-Inch (25.4 mm) per Pole, 10 kAIC




Ampere Rating	Wire Size Range Cu/Al 60°C or 75°C	 Single-Pole 120/240V Requires One 1-Inch (25.4 mm) Space 10 per Shelf Carton Catalog Number		 Two-Pole 120/240V Common Trip Requires Two 1-Inch (25.4 mm) Spaces 5 per Shelf Carton Catalog Number	
15	#14-4	CL115		CL215	
20	#14-4	CL120		CL220	
25	#14-4	CL125		CL225	
30	#14-4	CL130		CL230	
35	#14-4	CL135		CL235	
40	#14-4	CL140		CL240	
45	#14-4	CL145		CL245	
50	#14-4	CL150		CL250	

CL_AF

Type CL Classified Arc and Ground Fault Breakers (5 Milliampere), 1-Inch (25.4 mm) per Pole, 10 kAIC





Ampere Rating	Wire Size Range Cu/Al 60°C or 75°C	 Single-Pole 120/240V Requires One 1-Inch (25.4 mm) Space 1 per Shelf Carton Catalog Number	
Arc Fault Breakers			
15	#14-4	CL115AF	
20	#14-4	CL115CAF	
20	#14-4	CL120AF	
20	#14-4	CL120CAF	
Ground Fault Breakers			
15	#14-4	CL115GF	
20	#14-4	CL120GF	
30	#14-4	CL130GF	

CLR_

Type CL Classified Latching Remote Control Smart Breakers™, 1-Inch (25.4 mm) per Pole, 10 kAIC



Ampere Rating	Wire Size Range Cu/Al 60°C or 75°C	 Single-Pole 120V Requires One 1-Inch (25.4 mm) Space 10 per Shelf Carton Catalog Number		 Two-Pole 120/240V Common Trip Requires Two 1-Inch (25.4 mm) Spaces 5 per Shelf Carton Catalog Number	
15	(2) #14-10	CLRP115		CLRP215	
20	(2) #14-10	CLRP120		CLRP220	
25	(1) #8-6	CLRP125		CLRP225	
30	(1) #8-6	CLRP130		CLRP230	