

# C-Series Toggle Circuit Breakers

Combines switching and circuit protection into a single device



### DC Features

- Large frame provides stud termination for 5–300A loads
- Provides overcurrent protection for inverters, bow thrusters, and windlasses
- Offers high interrupt capacity – suitable for Main circuit protection
- Trip Free – cannot be held closed after trip

### AC Features

- Frequently used for 120/240V AC circuit protection
- Double pole can be used as AC Main circuit breaker to switch hot and neutral or two hots in 120/240V AC Branch applications
- Triple pole can be used as 120/240V AC Main circuit breaker to switch both lines (hots) and neutral
- Double and triple pole circuit breakers will trip all poles if any one pole trips

Voltage Nominal Operating	120/240V AC
Temperature Operating	-40°C to 85°C (-40°F to 185°F)
Switching Cycles	10,000 @ rated amps and volts
Type	Magnetic Hydraulic – Trip free
Terminal Stud	1/4"-20 Tin-Plated Brass
Terminal Stud Torque	35 in-lb max.
Trip Time Delay	See <a href="http://blueseas.com">blueseas.com</a>
Mounting Screw	#6-32 Stainless Steel (included)
Mounting Screw Torque	6–8 in-lb Recommended
Regulatory	UL 1077 Recognized & CSA Accepted 7250I only – meets SAE J1171, UL 1500 external ignition protection requirements

**IGNITION PROTECTED**

Interrupting Capacity Table (see ABYC Requirements p. 164)

	UL 1077 - UL/CSA (US/Canada)				EN60934 - TUV (Europe)
	Volts	Amps	DC Interrupt	AC Interrupt	AC Interrupt
1 Pole	48V DC	--	5,000A, U2, OL1	--	--
	85V DC	--	7,500A, U1, OL1	--	--
	125V DC	--	--	3,500A, U2, OL1	--
	250V AC	--	--	3,000A, U2, OL1	--
2 Pole	48V DC	--	5,000A, U2, OL1	--	--
	125V AC	--	--	3,500A, U2, OL1	--
	250V AC	--	--	5,000A, U1, OL1	1,500A

### Related Product



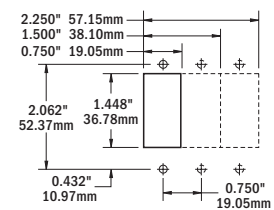
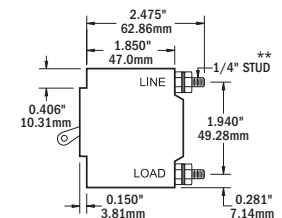
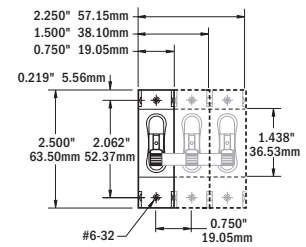
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Part #	Color	Amps	Poles	Max.
7350	White	5A DC	1	80V DC
7351	White	10A DC	1	80V DC
7352	White	15A DC	1	80V DC
7353	White	20A DC	1	80V DC
7354	White	25A DC	1	80V DC
7355	White	30A DC	1	80V DC
7244	White	50A DC	1	80V DC
7246	White	60A DC	1	80V DC
7248†	White	80A DC	1	65V DC
7250†	White	100A DC	1	65V DC
7250I†	Red	100A DC	1	48V DC

Part #	Color	Amps	Poles	Max.
7365	White	30A AC	2	80V DC
7251	White	50A AC	2	80V DC
7254	White	60A AC	2	80V DC
7256†	White	80A AC	2	80V DC
7258†	White	100A AC	2	65V DC
7267*†	White	150A DC	2	65V DC
7268*†	White	175A DC	2	65V DC
7269*†	White	200A DC	2	65V DC

Part #	Color	Amps	Poles	Max.
7287	White	50A AC	3	80V DC
7288	White	60A AC	3	80V DC
7289†	White	80A AC	3	80V DC
7290†	White	100A AC	3	80V DC
7270*†	White	250A DC	3	65V DC
7271*†	White	300A DC	3	65V DC

\* Paralleled poles have 5/16" stud on bus. These breakers are not listed and pending UL approval.  
† Only supports motor loads up to 48V DC, UL 1077 OL0

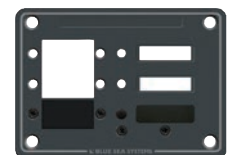


Cutout Dimensions

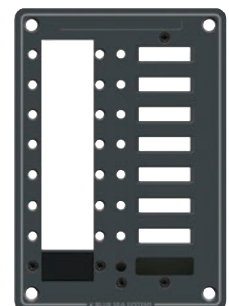
## C-Series Toggle Circuit Breaker Mounting Panels

Simplifies mounting C-Series Toggle Circuit Breakers

- Accepts Blue Sea Systems Large Format Labels and ON indicating LEDs
- Panel plugs can be inserted to fill blank positions
- Panel Plug Kit 8089 included – circuit breaker mounting screws, panel plug, LED plug and blank label



8088



8087

Part #	Description	Width In (mm)	Depth In (mm)
8088	3 position	5.25 (133.35)	3.75 (95.25)
8087	8 position	5.25 (133.35)	7.50 (190.50)
8089	Panel Plug Kit	--	--