

# A-Series and C-Series Toggle Panel-Mount Circuit Breakers

**Easily Mounts In Standard Panels** accepting A-Series and C-Series magnetic-hydraulic circuit breakers. Includes mounting screws.

**AC & DC Rated** to cover a wide range of system application needs.

**Toggle-Style Actuator** for easy on/off switching control combined with circuit protection.

**High Voltage Rating** easily supports 12 and 24 Vdc applications while offering advanced protection for 36 and 48 Vdc applications.

**High Electrical / Manual Switching Endurance** delivers 6,000 cycles at full current.

**High Interrupt Current** safely protects circuits connected to large paralleled battery banks with significant available power.

**Toggle Guard and Panel Plug** accessories pair with A-Series breakers to protect against accidental switching and fill unused panel slots.



3201-15



3202-50



3503-50



3200



3205



Standard A & C-Series Panel Mounting



**Protects Electrical Circuits** from short circuit events and over-current loads, preventing wire insulation overheating and subsequent destruction.



**Automatic Circuit Protection & Manual On/Off Switching** combines dual functionality in one reliable and compact solution.



**Visual Indication of Circuit Opened** via position of toggle actuator and ON/OFF marking.



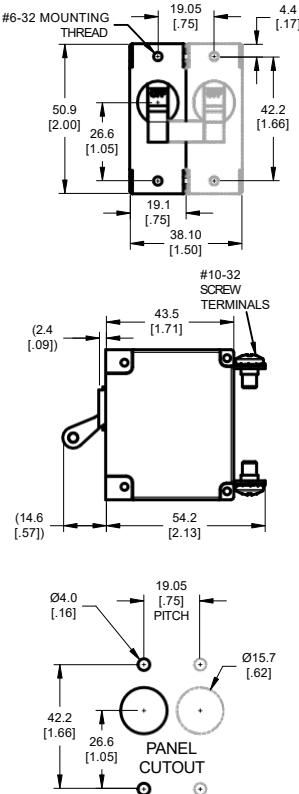
**Bullet-proof Construction:** High-temperature materials and stainless self-locking hardware.



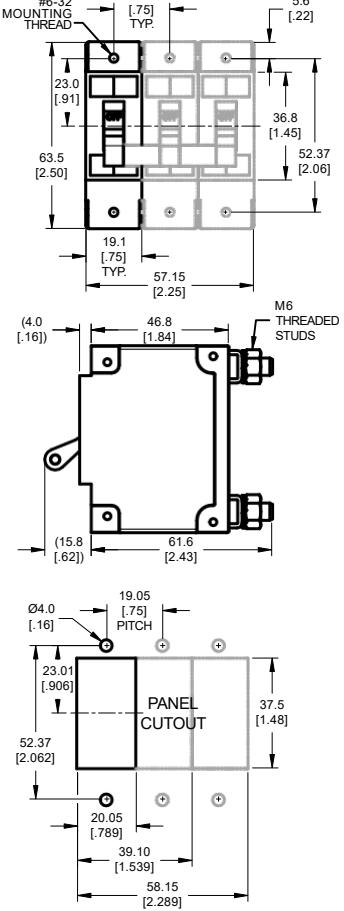
**4 Year Industry Leading Warranty**

## Product Dimensions

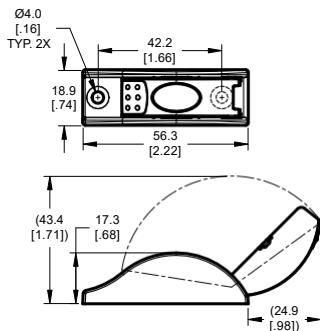
### A-Series Toggle Breaker



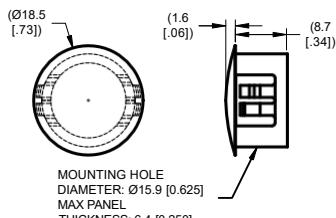
### C-Series Toggle Breaker



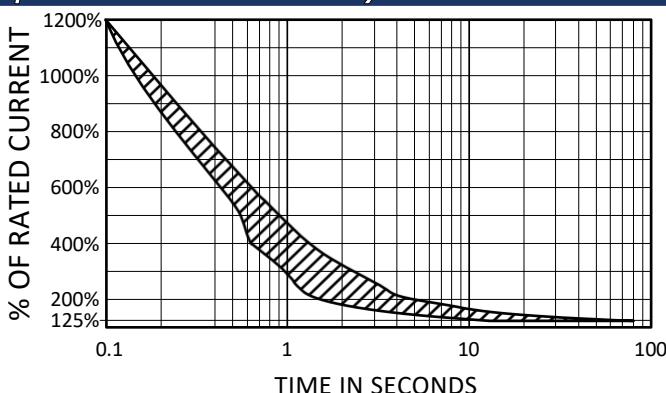
### A-Series Toggle Guard



### A-Series Panel Plug



### Trip Current vs Time Delay



## Specifications

Max Operational Voltage (A-Series)	277 Vac / 80 Vdc
Max Operational Voltage (C-Series)	277 Vac / 125 Vdc
Electrical Endurance @ Rated Current	6,000 cycles
Interrupt Capacity (A-Series)	5kA / 277Vac, 1.5kA / 80Vdc
Interrupt Capacity (C-Series)	5kA / 277Vac, 2kA / 125Vdc
Operating Temperature	-40°C to 85°C (-40°F to 185°F)
Hardware Material	18-8 Stainless, Self-Locking
Terminal Screw Size (A-Series)	#10-32 (accepts M5 ring)
Terminal Stud Size (C-Series)	M6 (accepts 1/4" ring)
Max Terminal Screw Torque (A-Series)	5.3 in-lbs (0.6 N-m)
Max Terminal Stud Torque (C-Series)	26.5 in-lbs (3.0 N-m)
Max Mounting Screw Torque	7.0 in-lbs (0.8 N-m)
Mechanical Vibration	10g
Mechanical Shock	100g
Mounting Screw Thread	#6-32
Regulatory Compliance	UL 1077
CE Marked?	Yes

### A-Series Toggle Part Numbers†

	Single-Pole White	Single-Pole Black	Double-Pole Red	Double-Pole White	Double-Pole Black
2.5A	3201-03			3221-05	
5A	3201-05	3211-05			
8A			3211-08		
10A	3201-10	3211-10	3221-10		
15A	3201-15	3211-15	3221-15	3202-15	
20A	3201-20	3211-20	3221-20	3202-20	
25A	3201-25	3211-25	3221-25		
30A	3201-30	3211-30	3221-30	3202-30	3212-30
40A	3201-40	3211-40	3221-40		
50A	3201-50	3211-50	3221-50	3202-50	

### C-Series White Toggle Part Numbers†

	Single-Pole	Double-Pole	Triple-Pole
10A	3501-010		
15A	3501-015		
20A	3501-020		
25A	3501-025		
50A	3501-050	3502-050	3503-050
60A	3501-060		
100A	3501-100		

### Accessory Part Numbers

	Retail	Bulk
Toggle Guard, A Series Circuit Breaker	3200	3200B
Panel Hole Plugs, A-Series, 6 Pack	3205	3205B

† APPEND 'B' TO PART NUMBER FOR BULK PACK. WITHOUT 'B' IS RETAIL PACK.  
EXAMPLE: 3201-03 IS RETAIL PACK, 3201-03B IS SAME PART IN BULK PACK

\* DISCONNECT BATTERY FROM POWER DISTRIBUTION SYSTEM BEFORE  
INSTALLING PRODUCT TO PREVENT ELECTRICAL SHOCK OR PRODUCT DAMAGE