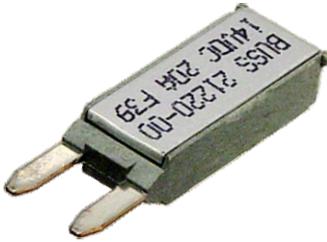# CIRCUIT BREAKERS

Circuit protection devices such as circuit breakers are a critical component. The current rating of a thermal breaker is the maximum rating the breaker will continuously handle without tripping - not the point at which it trips. The trip point is a function of current and time - either the longer the time or greater the excess current (over the breaker rating) determines when a breaker will trip and is usually shown on a time versus current chart. From this chart the action of a thermal breaker can be predicted. This information is available on request.

29810 - 10A
29815 - 15A
29820 - 20A

## Modified reset mini blade fuse circuit breaker
- Fits mini blade fuse boxes and some standard blade with no height resistrictions
- Modified reset - Power needs to be interrupted to reset breaker. Doesn't cycle power that leads to heat build-up.
- Operating temperature: -40°C to 85°C
- Complies to SAE J553

29008 - 8A
29010 - 10A
29015 - 15A
29020 - 20A
29025 - 25A
**29030** - 30A
29040 - 40A
29050 - 50A

Auto resetting circuit breaker
- Standard two hole mounting
- Auto resetting (cycling)
- Thermoplastic housing is splash-proof, corrosion-proof, and short circuit-proof
- Operating temperature: -23°C to 65°C
- Complies to SAE J553

55606 - 6A
55608 - 8A
55610 - 10A
55615 - 15A
55620 - 20A
55625 - 25A
55630 - 30A

Auto reset mini blade fuse circuit breaker
- Fits standard blade fuse boxes with no height restriction.
- Auto resets via thermal cycling.
- Operating temperature: -30°C to 60°C
- Operating voltage: 10-32VDC
- Thermo plastic body

29006
Terminal cover suit
29008 through 29050
Black.
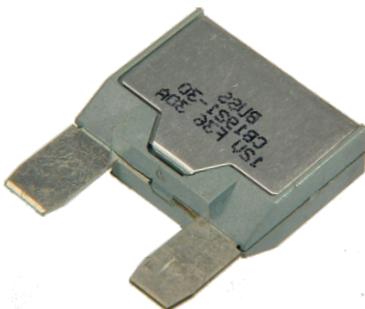
29762 - 20A
29763 - 30A

Auto reset maxi blade circuit breaker
- Fits maxi-blade fuse holders.
- Auto resetting (cycling)
- Operating temperature: -10°C to 65°C
- Complies to SAE J553
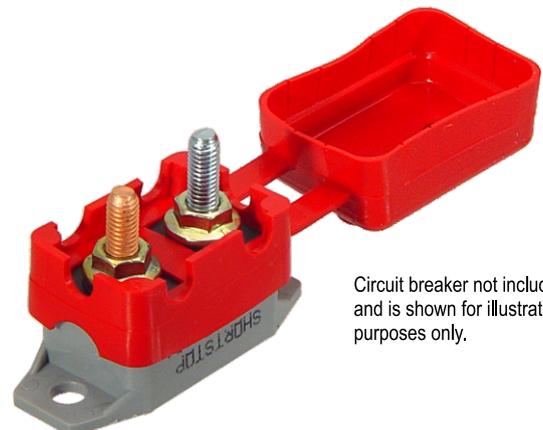
Circuit breaker not included and is shown for illustration purposes only.

29007
Terminal cover suit
29008 through 29050
Red.

PANEL MOUNT CIRCUIT BREAKERS

Circuit protection devices such as circuit breakers are a critical component. The current rating of a thermal breaker is the maximum rating the breaker will continuously handle without tripping - not the point at which it trips. The trip point is a function of current and time - either the longer the time or greater the excess current (over the breaker rating) determines when a breaker will trip and is usually shown on a time versus current chart. From this chart the action of a thermal breaker can be predicted. This information is available on request.

29541 - 5A
29542 - 7A
29543 - 10A
29544 - 15A
29545 - 20A
29546 - 25A
29547 - 30A
29548 - 35A
29549 - 40A

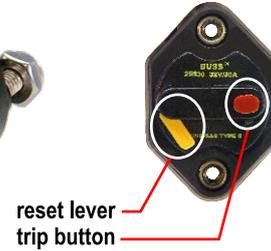## Panel mount manual reset circuit breaker
- Panel mounting via 11mm hole
- Manual resetting via button
- Slimline thermoplastic housing for close mounting
- Mounting nut embossed with 'PUSH TO RESET"
- 6.4mm quick-connect terminals

29561 - 10A
29562 - 15A
29563 - 20A
29564 - 25A
29565 - 30A
29566 - 35A
29567 - 40A
29568 - 50A

reset lever
trip button

## Manual reset circuit breaker with manual trip
- Panel mounting via 32mm hole - 40mm mounting centres
- Marine spec. Waterproof, corrosionproof, ignitionproof
- Supplied with stainless steel terminals and hardware
- Manual reset via lever / manual trip via button
- Visual indication when tripped
- Operating temperature: -23°C to +65°C
- Operating voltage: 6VDC to 32VDC
- Interrupt capacity meets SAE J142B (5000A max)
- Complies to SAE J533

29510 - 10A
29515 - 15A
29520 - 20A
29525 - 25A
29530 - 30A

Panel mount manual reset circuit breaker
- Panel mounting via 11mm hole
- Manual resetting via button
- Slimline thermoplastic housing for close mounting
- Operating temperature: -23°C to 65°C
- Rated to 32VDC / 250VAC
- 200A/250VAC interrupt capacity
- Supplied with two mounting nuts and legend plate
- Complies to UL 1077; UL E74569; and others

29571 - 10A
29572 - 15A
29573 - 20A
29574 - 30A
29575 - 40A

Manual reset circuit breaker
- Commonly used on truck-trailer breaker boxes
- Panel mounting via 14mm hole - 40mm mounting centres
- Waterproof, corrosionproof, ignitionproof
- Terminations via #8 UNC screw terminals
- Manual reset via button
- Operating temperature: -51°C to +71°C (max)
- Operating voltage: 32VDC or 120VAC (max)
- Trips at 135% of load (trip curves available)
- Meets MIL-STD 202 for vibration, salt and insulation tests
- Interrupt capacity meets SAE J553
- Weatherproof to SAE J1171

14mm Panel hole
11mm
9.65mm
29mm
#8-32 UNC
51mm
30mm
40mm
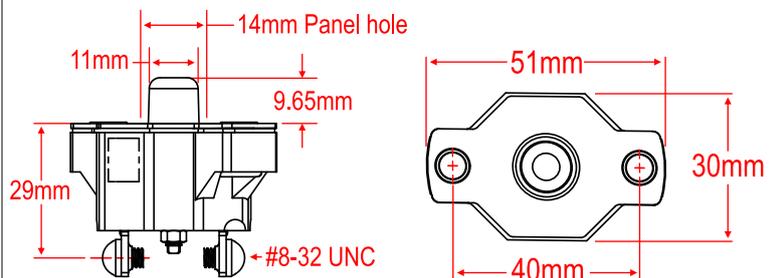
HIGH CURRENT CIRCUIT BREAKERS

Circuit protection devices such as circuit breakers are a critical component. The current rating of a thermal breaker is the maximum rating the breaker will continuously handle without tripping - not the point at which it trips. The trip point is a function of current and time - either the longer the time or greater the excess current (over the breaker rating) determines when a breaker will trip and is usually shown on a time versus current chart. From this chart the action of a thermal breaker can be predicted. This information is available on request.

55950 - 60A
55952 - 80A
55954 - 100A
55956 - 120A
55958 - 150A

55960 - 60A
55962 - 80A
55964 - 100A
55966 - 120A
55968 - 150A

Surface mount auto reset circuit breaker
- Auto resetting via thermal cycling
- Thermoplastic housing with 6mm ring terminations
- Waterproof - ideal for marine applications
- Operating temperature: -32°C to 82°C
- Operating voltage: 12-42V
- 8mm diameter mounting holes

Surface mount manual trip & reset circuit breaker
- Manual trip via button also acts as a switch
- Manual resetting via lever indicator
- Thermoplastic housing with 6mm ring terminations
- Waterproof - ideal for marine applications
- Operating temperature: -32°C to 82°C
- Operating voltage: 12-42V
- 8mm diameter mounting holes