

# PANEL FABRICATION

## CIRCUIT BREAKER QL SERIES, 1C SERIES



### DESCRIPTION

The **CBI QL Series circuit breakers** provide excellent protection against overloads and short circuits for electrical circuits and small-sized electrical equipment.

### FEATURES

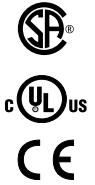
- **Holds 100% rated current independent of ambient temperature**
- **Resets immediately after tripping**
- **Mounts to DIN rail**

### SPECIFICATIONS

|                                    |                                                              |
|------------------------------------|--------------------------------------------------------------|
| <b>Rated Voltage</b>               | 120/240 VAC, 50/60 Hz                                        |
| <b>Rated Current</b>               | 1A, 2A, 3A, 4A, 5A, 8A, 10A, 15A, 20A, 25A                   |
| <b>Rated Interruption Capacity</b> | 10,000 A                                                     |
| <b>Protection Method</b>           | Hydraulic magnetic technology                                |
| <b>Poles</b>                       | Single pole                                                  |
| <b>Time Delay</b>                  | 150% rated current, 8-90 sec;<br>200% rated current 4-28 sec |
| <b>Operating Temperature</b>       | -40° to 140°F (-40° to 60°C)                                 |
| <b>Dimensions</b>                  | 3.8"H x 0.51"W x 2.7"D<br>(9.7 x 1.3 x 6.8 cm)               |
| <b>Weight</b>                      | 0.22 lb (0.1 Kg)                                             |
| <b>Approvals</b>                   | UL File #E192487, CSA, CE, VDE                               |
| <b>Warranty</b>                    | 1 year                                                       |



QL Series



### ORDERING INFORMATION

| MODEL | DESCRIPTION                     |
|-------|---------------------------------|
| QL-1  | 1A Single pole Circuit breaker  |
| QL-2  | 2A Single pole Circuit breaker  |
| QL-3  | 3A Single pole Circuit breaker  |
| QL-4  | 4A Single pole Circuit breaker  |
| QL-5  | 5A Single pole Circuit breaker  |
| QL-8  | 8A Single pole Circuit breaker  |
| QL-10 | 10A Single pole Circuit breaker |
| QL-15 | 15A Single pole Circuit breaker |
| QL-20 | 20A Single pole Circuit breaker |
| QL-25 | 25A Single pole Circuit breaker |

### DESCRIPTION

The **Altech 1C Series circuit breakers** provide excellent protection against overloads and short circuits for electrical circuits and small-sized electrical equipment.

### FEATURES

- **Line/Load Reversible**
- **Current Limiting**
- **Mounts to DIN rail**

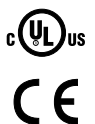
### SPECIFICATIONS

|                                    |                                                      |
|------------------------------------|------------------------------------------------------|
| <b>Rated Voltage</b>               | 120/240/277 VAC, 50/60 Hz                            |
| <b>Rated Current</b>               | 1 A, 2 A, 3 A, 4 A, 5 A, 8 A, 10 A, 15 A, 20 A, 25 A |
| <b>Rated Interruption Capacity</b> | 10,000 A                                             |
| <b>Protection Method</b>           | Thermal magnetic technology                          |
| <b>Poles</b>                       | Single pole                                          |
| <b>Operating Temperature</b>       | -13° to 131°F (-25° to 55°C)                         |
| <b>Dimensions</b>                  | 4.1"W X 2.7" X 0.7"D ( 10.5 X 7.4 X 1.8 cm)          |
| <b>Weight</b>                      | 0.31 lb (0.14 Kg)                                    |
| <b>Approvals</b>                   | UL File #E329510, CE                                 |
| <b>Warranty</b>                    | 1 year                                               |



1C15UL

**Altech Corp.**



### ORDERING INFORMATION

| MODEL  | DESCRIPTION                     |
|--------|---------------------------------|
| 1C1UL  | 1A Single pole Circuit breaker  |
| 1C2UL  | 2A Single pole Circuit breaker  |
| 1C3UL  | 3A Single pole Circuit breaker  |
| 1C4UL  | 4A Single pole Circuit breaker  |
| 1C5UL  | 5A Single pole Circuit breaker  |
| 1C8UL  | 8A Single pole Circuit breaker  |
| 1C10UL | 10A Single pole Circuit breaker |
| 1C15UL | 15A Single pole Circuit breaker |
| 1C20UL | 20A Single pole Circuit breaker |
| 1C25UL | 25A Single pole Circuit breaker |