

## HQ-60 Plug-in MCB datasheet

Miniature Circuit Breaker, 120/240VAC, 10kA IR,

Standard plug-in type

Refer to UL489 standard

1 in.wide format for 1-pole



### Product Model

H Q 2 60

Interrupting Rating  
H = 10kAIC

Type : Q = 1" plug-in

Pole : 1:1 pole(120Vac); 2:2 poles(120/240Vac)

Ampere Rating(A): 5 , 10, 15, 20, 25, 30, 35, 40, 45, 50, 60

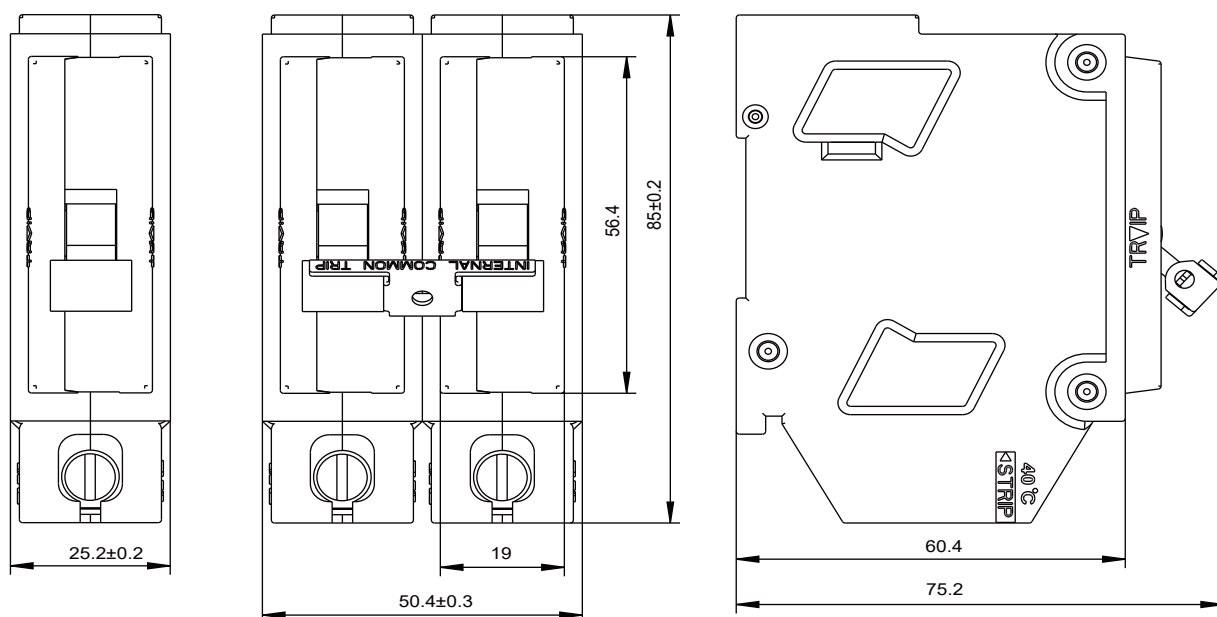
### Product Number

| HQ            |      | 1 Pole-120VAc |              | 2 Poles-120/240VAc |              |
|---------------|------|---------------|--------------|--------------------|--------------|
| Rated current | IR   | Product       | Part Number  | Product            | Part Number  |
| 5A            | 10kA | HQ105         | 225000160001 | HQ205              | 225000170001 |
| 10A           | 10kA | HQ110         | 225000160002 | HQ210              | 225000170002 |
| 15A           | 10kA | HQ115         | 225000160003 | HQ215              | 225000170003 |
| 20A           | 10kA | HQ120         | 225000160004 | HQ220              | 225000170004 |
| 25A           | 10kA | HQ125         | 225000160005 | HQ225              | 225000170005 |
| 30A           | 10kA | HQ130         | 225000160006 | HQ230              | 225000170006 |
| 35A           | 10kA | HQ135         | 225000160007 | HQ235              | 225000170007 |
| 40A           | 10kA | HQ140         | 225000160008 | HQ240              | 225000170008 |
| 45A           | 10kA | HQ145         | 225000160011 | HQ245              | 225000170011 |
| 50A           | 10kA | HQ150         | 225000160009 | HQ250              | 225000170009 |
| 60A           | 10kA | HQ160         | 225000160010 | HQ260              | 225000170010 |

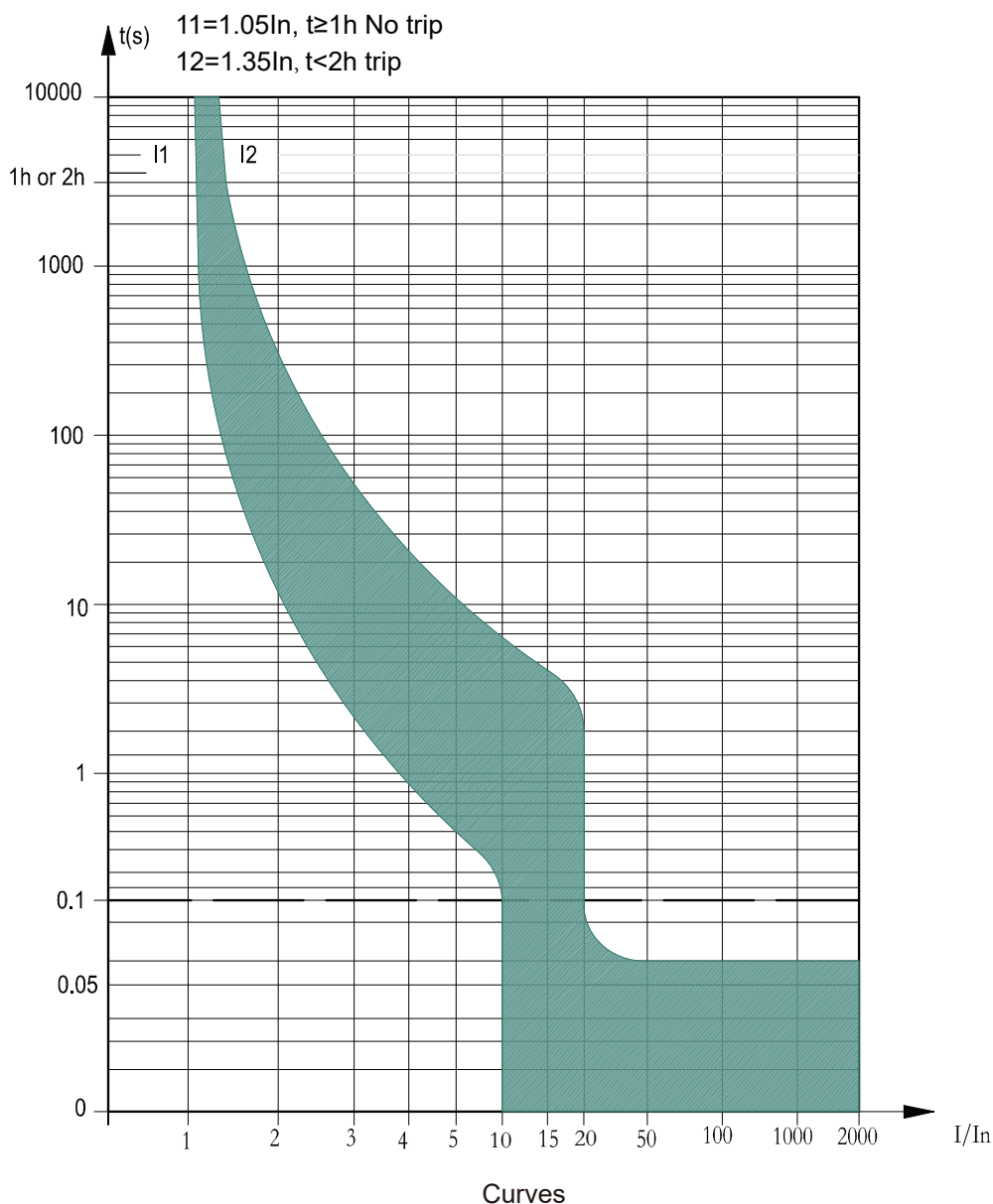
## Characteristic Parameters:

| Main                                  | Product Technical Features            |
|---------------------------------------|---------------------------------------|
| Product                               | LoveHome Miniature circuit-breaker    |
| Range                                 | LoveHome                              |
| Current Rating                        | 5, 10,15,20,25,30,35,40,45,50,60      |
| Certifications                        | UL489                                 |
| Voltage Rating                        | 120VAC(1P) 120/240 VAC(2P)            |
| Mounting Type                         | Plug-in                               |
| Number of Poles                       | 1P、2P                                 |
| Short Circuit Current Rating          | 10 kA                                 |
| Circuit Breaker Type                  | Standard                              |
| Ratings                               | HACR and Switching Duty rated         |
| Electrical Connection                 | Clamp terminal for 2 cables           |
| Wire Size                             | AWG 14~4                              |
| Trip curve                            | 10 ~20In                              |
| Overload tripping                     | 1.05In t≥1h No trip,1.35In t<2 h trip |
| Tightening torque                     | (3.5) 2.8...3.5 N.m                   |
| Height                                | 2.98 in (75.50 mm)                    |
| Width                                 | 1 in (25~25.4 m)                      |
| Depth                                 | 3.18 in (80.8 mm)                     |
| Ambient Air Temperature for Operation | 104 °F (40 °C)                        |

## Dimensions(mm)



## AC TRIPPING CURVES



### Precautions

- The wiring must be reliable to prevent the circuit breaker from malfunctioning due to abnormal heating of the terminal or causing the terminal to burn.
- The nut wiring specification of this product is 14-4AWG, and the tightening torque during installation is 31 lb-in (3.5 N. m)
- For multi-pole products, the handle should be operated in the middle position, and the time should be less than 1s when the product is normally opened and closed.
- 1-pole product weight: 0.17Kg, 2-pole product weight: 0.34Kg;
- Visual switch window, O/OFF, Show Green, Open, Uncharged; I/ON, Show red, Closed, Charged.
- Warranty policy: Product sales date starts to calculate, due to quality problems caused by product failure, non-human damage, etc., send back free replacement, warranty period of 24 months. Artificial damage, out of warranty, etc