

HQ-125 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

125

Interrupting Rating
H = 10kAIC

Type : Q = 1" plug-in

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

Ampere Rating (A) : 70、80、90、100、110、125

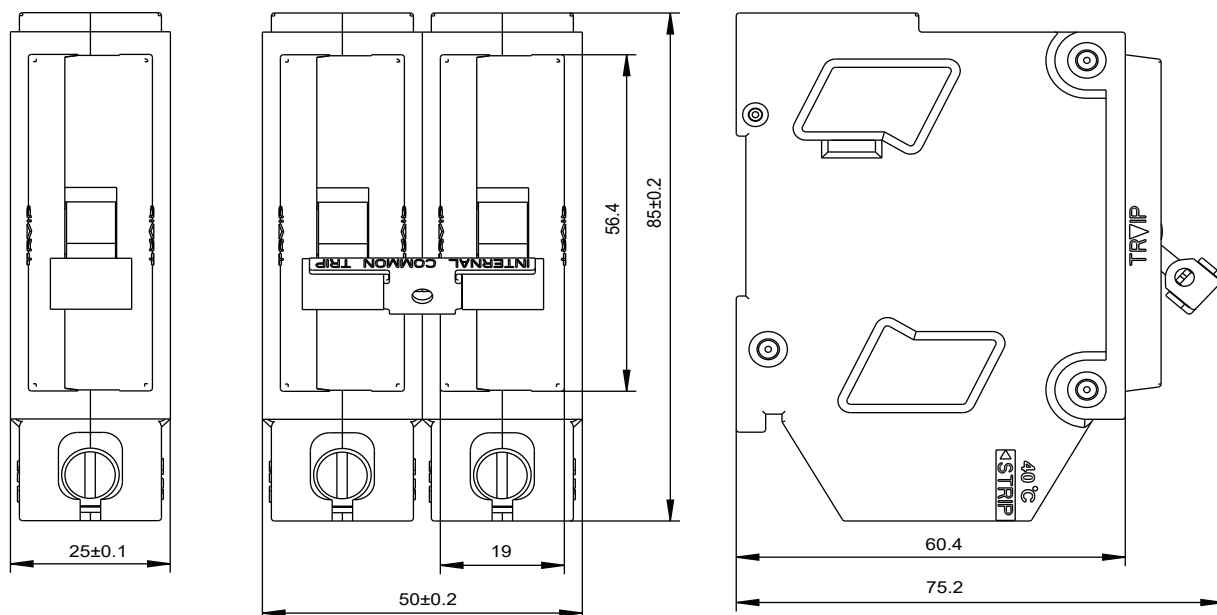
Product Number

HQ		1 Pole-120VAc		2 Poles-120/240VAc	
Rated current	IR	Product	Part Number	Product	Part Number
70A	10kA	HQ1070	225000160011	HQ2070	225000170011
80A	10kA	HQ1080	225000160012	HQ2080	225000170012
90A	10kA	HQ1090	225000160013	HQ2090	225000170013
100A	10kA	HQ1100	225000160014	HQ2100	225000170014
110A	10kA	HQ1110	225000160015	HQ2110	225000170015
125A	10kA	HQ1125	225000160016	HQ2125	225000170016

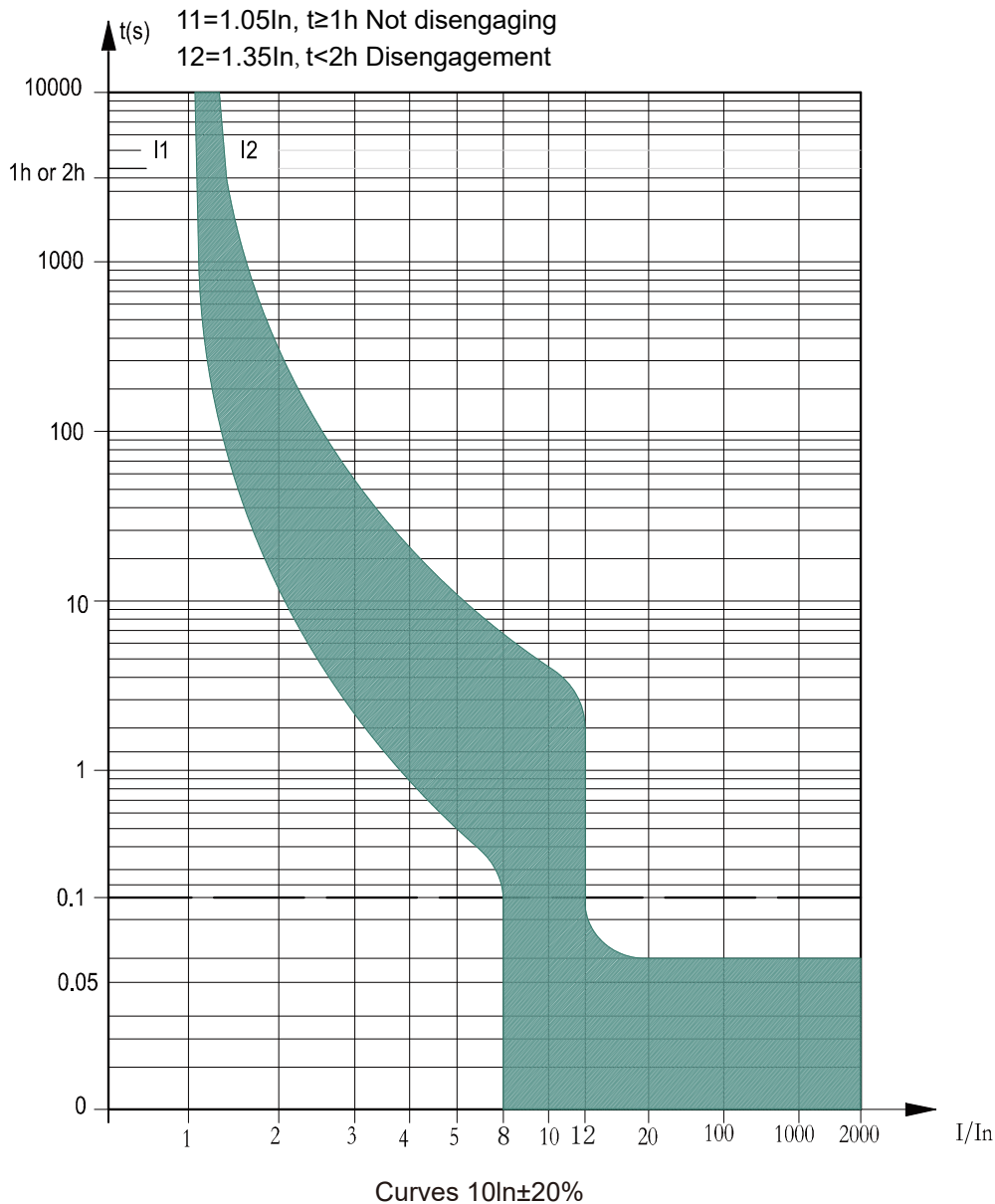
Characteristic Parameters:

Main	Product Technical Features
Product	Homeline Miniature circuit-breaker
Range	Homeline
Current Rating	70、80、90、100、110、125
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	1 x AWG2-2/0 (Aluminium/Copper) Wire diameter: $\phi 8 - 9\text{mm}$, 53 - 67mm ²
Trip curve	10 In $\pm$ 20%
Overload tripping	1.05In $\geq$ 1h Not disengaging, 1.35In $t < 2\text{h}$ Disengagement
Tightening torque	2.5...3.5 N.m
Height	2.98 in (75.50 mm)
Width	1 in (25~25.2 m)
Depth	3.18 in (80.8 mm)
Ambient Air Temperature for Operation	104 °F (40 °C)

Dimensions(mm)



AC TRIPPING CURVES



Precautions

- A. 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.
- B. The nut wiring specification of this product is **AWG 2-2/0**, and the tightening torque during installation is 3.5 N.m
- C. 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.
- D. 1-pole product weight: 0.18 Kg, 2-pole product weight: 0.36 Kg
- E. 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