

HCB1-63 AC MCB Specifcaions

Product Features:

- Complete current specifications;
- Meet the standard 10kA short-circuit breaking capacity under the voltage of 415VAC
- Both non polarity and polarity are available
- Contact position indication (red or green)
- Thermal magnetic release for isolation, overcurrent protection, short circuit protection
- Equipped with auxiliary contact and shunt release

Application Conditions:

- Power equipment: UPS power supply, switching power supply, inverter power supply
- Household appliances: lighting appliances, socket appliances
- HVAC equipment: heating, ventilation, air conditioning, refrigeration (internal/external)
- Industrial control cabinet: automation equipment, machine tool equipment
- Transportation system: signal control, communication network

Approvals/Standards:

- IEC60898-1, GB10963.1
- RoHS
- CE/CCC

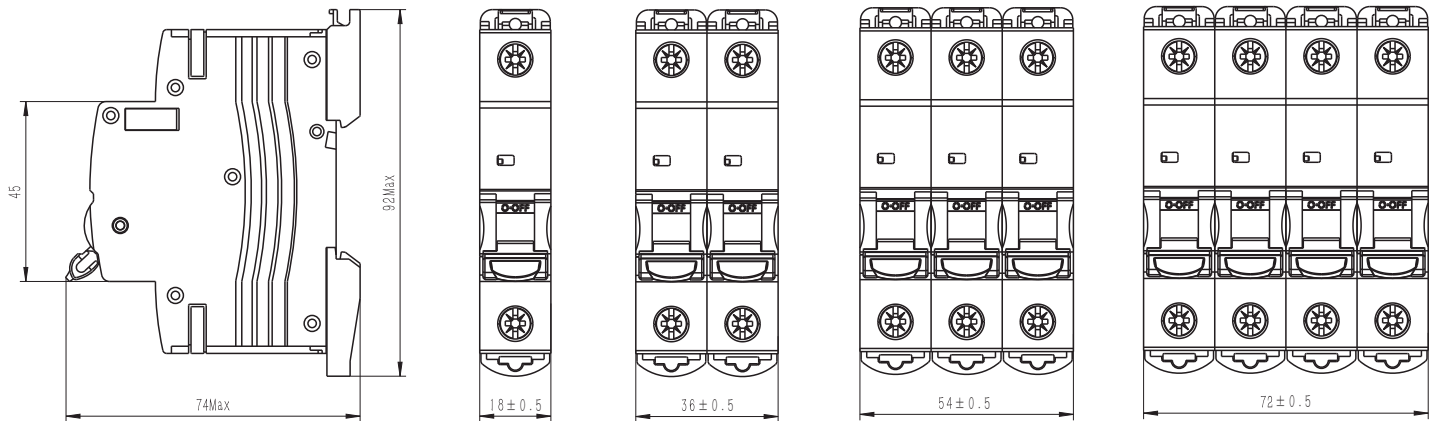


Product Model:

	HC	B1	- 63	H	C	63	/ 2
Company Code							
Model:	B1 Series MCB						
Frame Current	63						
Breaking Capacity	blank: 6kA H: 10kA						
Tripping Curve	B: Type B C: Type C D: Type D						
Rated Current(A)	1/2/3/4/6/10/16/20/25/32/40/50/63						
Pole	1: 1Pole 2: 2Poles 3: 3Poles 4: 4Poles						

Mounting Dimension

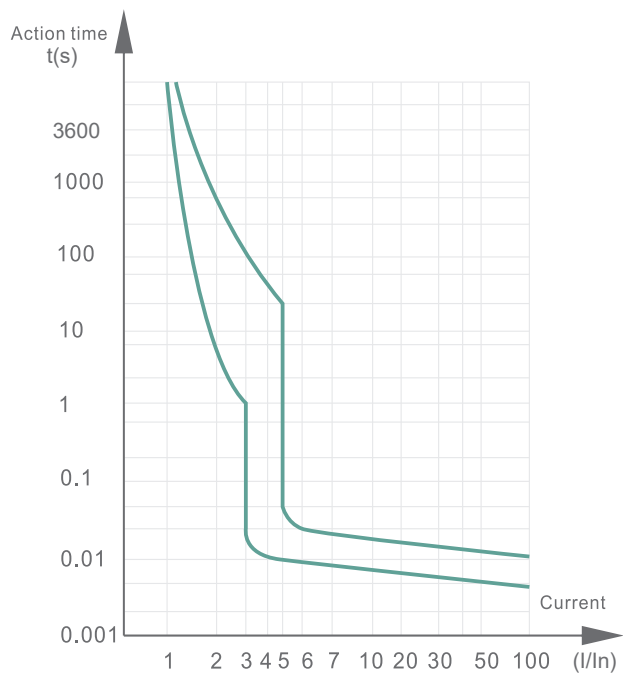
1 Pole ~ 4 Pole (mm)



CHARACTERISTICPARAMETERS				
Pole	1P	2P	3P	4P
Rated Operational Voltage	230 VAC	415 VAC		
Frame Current	63A			
Rated Current	1/2/3/4/6/10/16/20/25/32/40/50/63A			
Rated Insulation Voltage	500V			
Reference temperature for setting ofthermal element	30℃			
Tripping Characteristics	B/C/D			
TrippingType	Thermal Magnetic			
Rated Ultimate Short-Circuit Breaking Capacity	6kA/10kA			
Rated Service Short-Circuit Breaking Capacity	6kA/7.5 kA			
Electrical Life	4000 Cycles			
Mechanical Life	20000 Cycles			
Overvoltage Category	III			
Pollution Degree	3			
Protection Degree	IP20			
Resistance to Humidity and Heat	Class 2			
Relative Humidity	≤ 95%			
Installation Method	DIN35			
Altitude	2000m			
Terminal Capacity	2.5~50mm²			
Fastening Torque of Terminal	2.0~2.5N·m			
Ambient Temperature	-5℃~+40℃			
Storag Temperature	-25℃~+70℃			
Weight	0.12kg/ Pole			

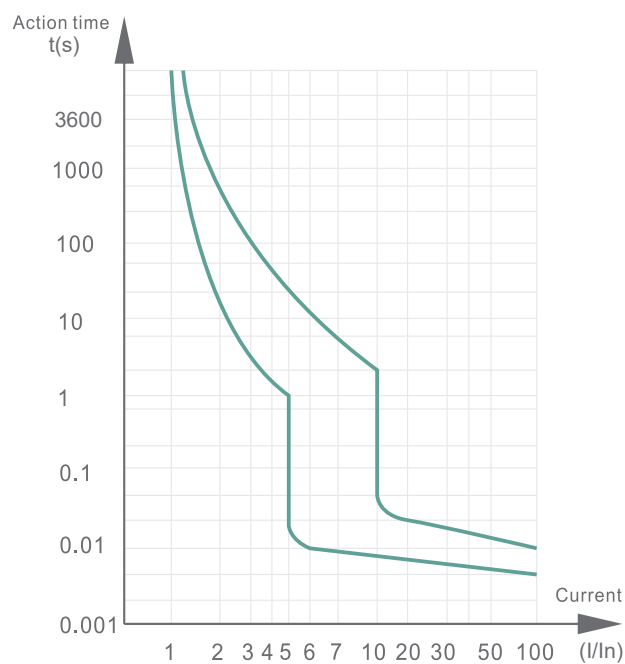
Tripping Curve

B Curve 3~5I_n



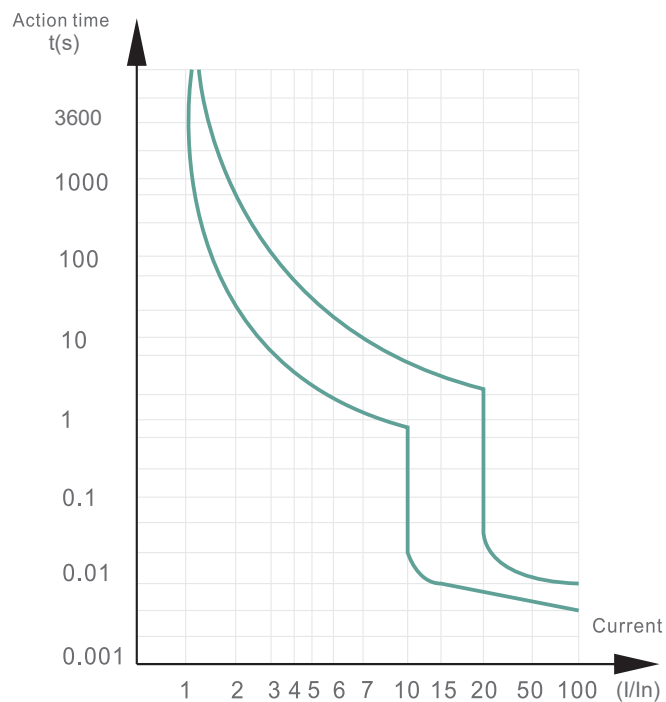
Suitable for pure resistive load and micro-inductive circuit

C Curve 5~10I_n



Suitable for general load and power distribution circuit

D Curve 10~20I_n



Suitable for electric motors or inductive circuits