

HCRO7-40 RCBO Specifications

Electrical parameters:

- ◇ Pole: 1P+N
- ◇ Rated breaking capacity(I_{cn}) : 6/10kA
- ◇ Electrical life(cycles) : 4000
- ◇ Mechanical life(cycles) : 10000
- ◇ Ambient Operation Temperature : -25°C~+40°C
- ◇ Storage temperature : -25°C~+70°C

Certifications/Standards:

- ◇ CCC
- ◇ CE
- ◇ IEC61008-1, GB16916-1



Product features:

DIN35x7.5

Mechanical switch for manual current interruption, Switch display indication;

Performance is not affected by location installation;

N Extremely switchable



Product Model:

HCRO7- 40 / C 40 /1P+N 30mA AC

HIITIO RCBO

Frame size : 40

Trip curve : B、C、D

Rated current(A) 6A、10A、16A、20A、
25A、32A、40A

Number of poles 1 poles+N

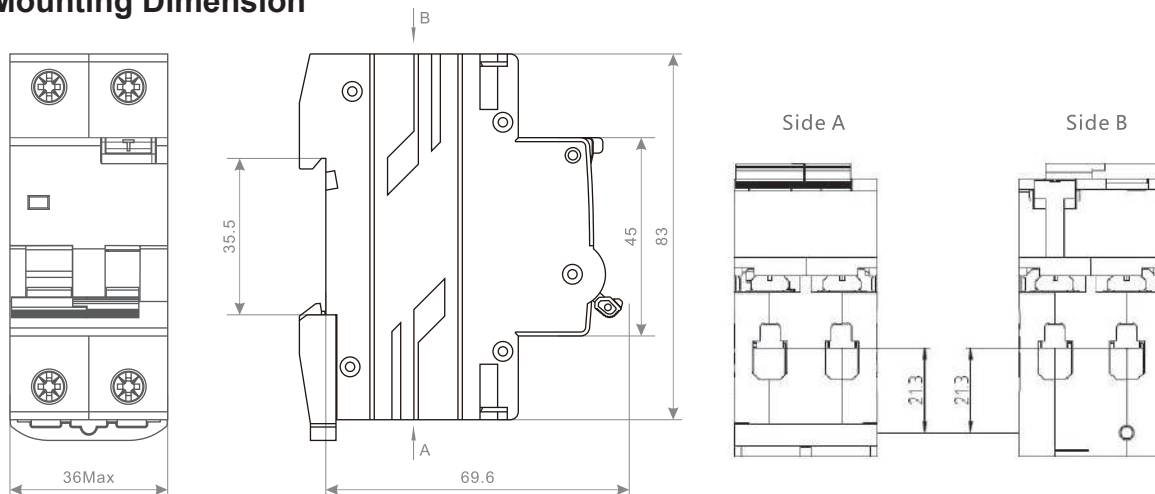
Rated residual
operating current: 30: 30mA, 100: 100mA, 300: 300mA;

Residual current type: AC: Sinusoidal AC residual current.
A: Residual current of sinusoidal AC and half wave pulsating DC component

Product data sheet

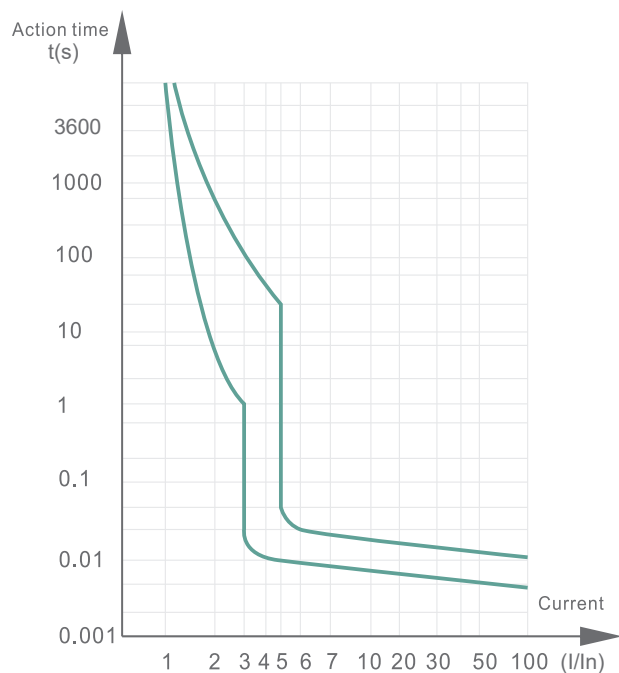
Electrical features	Standard	IEC 61009-1, GB16917.1
	Rated current(In)	6A,10A, 16A, 20A,25A, 32A, 40A
	Trip curve	B, C, D
	Model	Electronic
	RCD Type	AC,A
	Pole	1P +N
	Rate voltage(Ue)	240V
	Insulation voltage(Ui)	500V
	Rated frequency	50/60Hz
	Energy limiting class	3
	Rated residual operating current(I Δ n)	30mA, 100mA, 300mA
	Rated breaking capacity (Icn)	6KA/10KA
	Rated operating short circuit breaking capacity(Ics)	6KA/7.5KA
	Rated residual making and breaking capacity	(3000A)
	Rated impulse withstand voltage(Uimp)	4KV
	Surge current resistance/at(8/20)us	3KA
	Electrical life	4,000
	Protection degree	2
Mechanical life	Mechanical features	10,000
	Pollution degree	IP20
	Ambient temperature(with daily averages35°C)	-25°C +40°C
	Storage temperature	-25°C +70°C
Installation	Terminal connection type	Cable, busbar
	Connection capacity(input)	25mm ²
	Connection capacity(output)	25mm ²
	Tightening torque(input)	2.5Nm
	Tightening torque(output)	2.5Nm
	35mm DIN rail	

Mounting Dimension



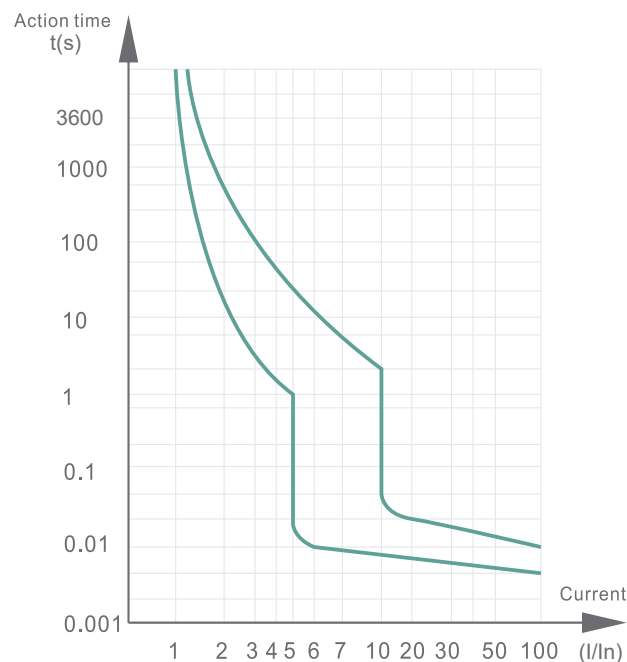
Tripping Curve

B Curve 3~5I_n



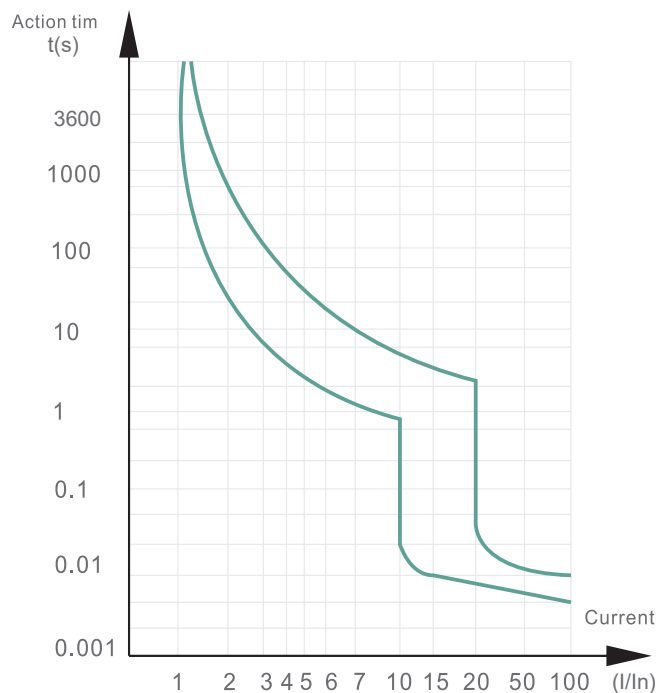
Suitable for pure resistive load and micro-inductive circuit

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