

HCB1-125 规格书 Specifications

电气参数 Ratings:

- ◇ 额定电流
Rated Current: 80/100/125A
- ◇ 额定电压
Rated Voltage: 230V(1P), 400V(2P/3P/4P)
- ◇ 脱扣形式
Tripping Type: 热磁 Thermal Magnetic
- ◇ 额定极限短路开断能力
Rated Ultimate Short-Circuit Breaking Capacity: (I_{cn}) 10kA
- ◇ 额定工作短路开断能力
Rated Service Short-Circuit Breaking Capacity (I_{cs}) : 7.5kA



认证/标准 Approvals/Standards:

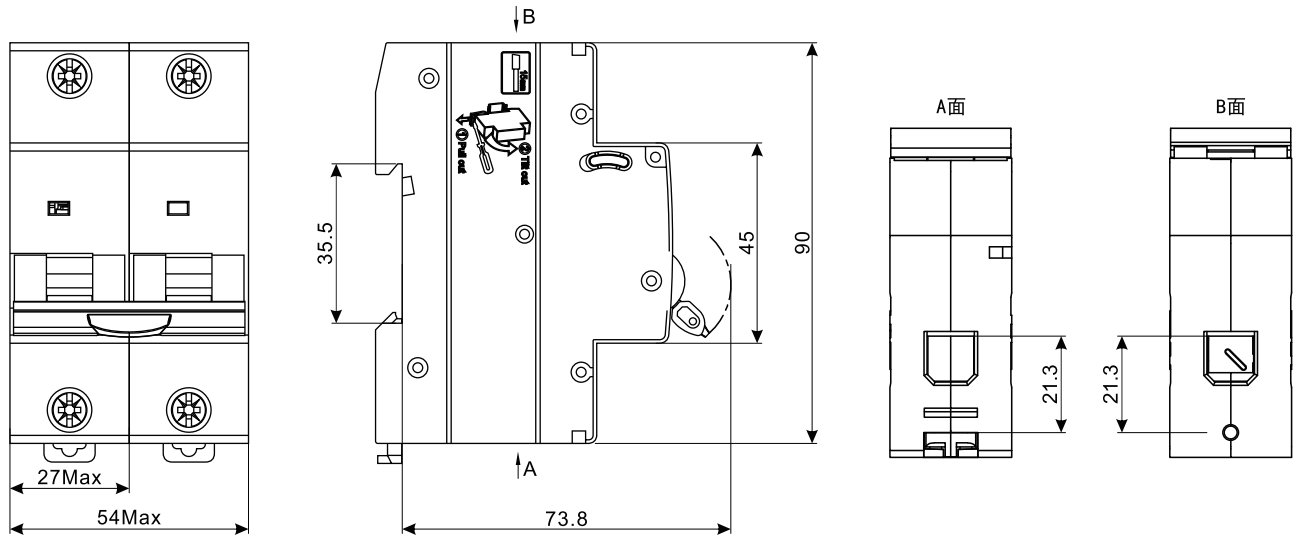
- ◇ SEMKO
- ◇ RoHS
- ◇ REACH
- ◇ CE/CB
- ◇ IEC60947-2/GB14048-2

产品特征 Features&Benefits:

- 过载和短路保护功能
Overload and the short circuit protection function
- 适用于无极性
Non-polarity

产品型号说明 Product Model:								
		HC	B1	□	- 125	C	125	/ 2
公司代码 Company Code								
规格: B1系列微型断路器 Model:B1 Series MCB								
无 Nil: 基本型 Basic Model								
壳架电流 Frame Current								
脱扣曲线 Tripping Curve		B: Type B C: Type C D: Type D						
额定电流 Rated Current		80: 80A 100: 100A 125: 125A						
极数 Pole		1: 1Pole 2: 2Poles 3: 3Poles 4: 4Poles						

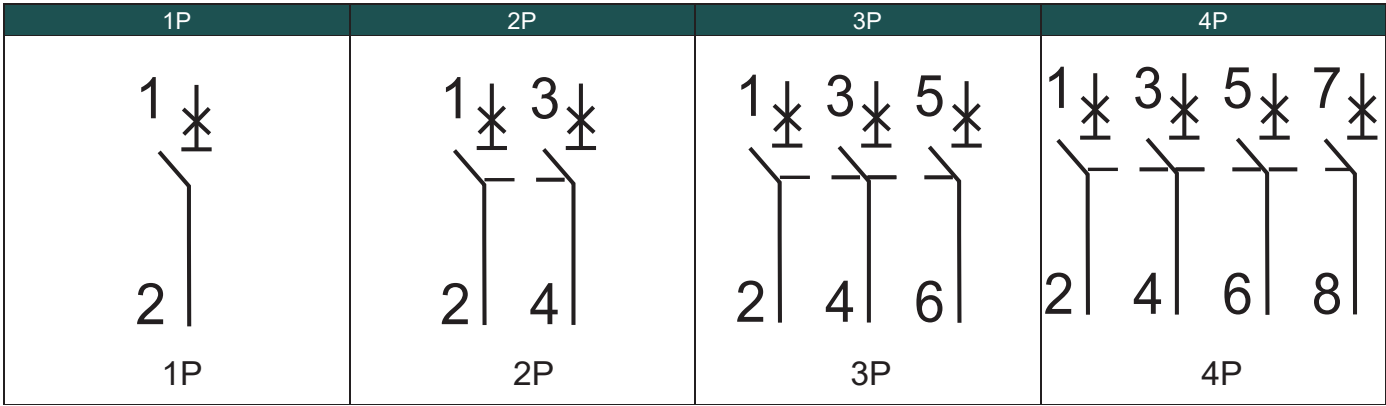
1 Pole ~ 4 Pole (mm)



特性参数 Characteristic Parameter

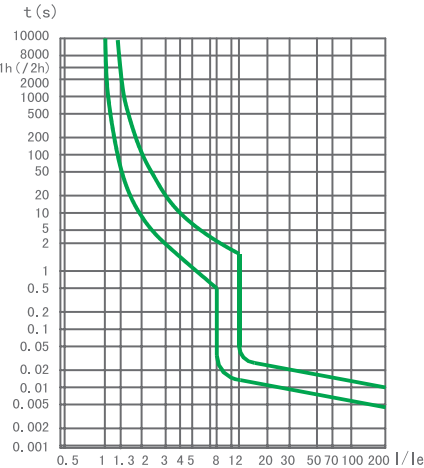
极数 Pole	1P	2P	3P	4P
额定工作电压 Rated Oporational Voltage	230VAC	400 VAC		
壳架电流 Frame Current	125A			
额定电流 Rated Current	80/100/125A			
额定绝缘电压 Rated Insulation Voltage	500V			
额定冲击耐受电压 Rated Impulse Withstand Voltage	6kV			
脱扣特性 Tripping Characteristics	B/C/D			
脱扣形式 TrippingType	热磁 Thermal Magnetic			
额定极限短路开断能力 Rated Utimate Short-Circuit Breaking Capacity	10kA			
额定工作短路开断能力 Rated Service Short-Circuit Breaking Capacity	7.5kA			
机械寿命和电寿命 Mechanical Life and Electrical Life	20000 循环 Cycles			
防护等级 Protection Degree	IP20			
接线能力 Terminal Capacity	50mm²			
端子紧固扭知 Fastening Torque of Terminal	4N·m			
环境温度 Ambient Temperature	-5°C~+40°C			
储存温度 Storag Temperature	-25°C~+70°C			
海拔高度Altitude	≤ 2000m			
连接Connection	上下安装Top and botton			
安装方法 Installation Method	在DIN导轨FN 60715(35mm)上，通过快速夹紧装置 On DIN rail FN 60715(35mm)by means of fast clip device			

电路图 Diagram



过载电流保护特性 Overload Current Protection Characteristics

Rated Current (A)	Test Procedure	Test Current	Initial State	Tripping or Non-tripping Time Limit	Expected Result	Remark
80A 100A 125A	A	1.05I _n	cold	t≤2h	no tripping	
	B	1.3I _n	After test A	t≤2h	tripping	The current steadily rise to the specified value within 5s
	C	2.55I _n	cold	1s<t<120s	tripping	
	D	8I _n	cold	t≤0.2s	no tripping	Turn on the auxiliary switch to close the current
		12I _n		t<0.2s	tripping	



搭配配件 Combination With Accessories

Auxiliary contact	Yes
Alarm contact	Yes
Shunt release	Yes
Under voltage release	Yes