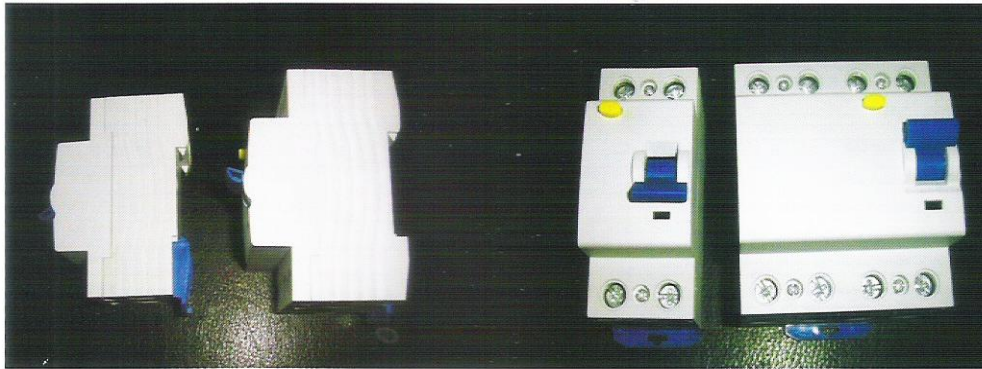


HMCB7-63 电磁式漏电保护断路器 ELECTROMAGNETIC RESIDUAL CURRENT CIRCUIT BREAKER



■ **适用范围 Scope**

适用于工矿企业、商业和家庭交流 50/60HZ, 单相 230 (220V)、三相 400V (380V), 作为人身触电和设备漏电保护之用, 也可以在正常情况下作为线路的不频繁转换之用
Apply to industrial and mining enterprises, commercial and domestic exchange of 50 / 60HZ, single phase 230 (220V), three-phase 400V (380V), as a personal electric shock and equipment for leakage protection may also be under normal circuit as the lines are not frequent conversion with

■ **技术性能参数 Technical parameters**

符合的电气标准: IEC/EN61008
漏电动作时间: <100ms
极数: 2P, 4P
额定电压 (Ue): 240/415 (230/400V):
额定频率: rated frequency 50/60HZ
额定电流 In: 25, 40, 63A
额定漏电流 I_{Δn}: 10, 30, 100, 300mA
灵敏性: AC 型, A 型
抗气候条件能力: 按 IEC/EN61008 标准
外壳保护等级: 安装后为 IP40
寿命: 电气不少于 4000 次 (通-断)
机械不少于 20000 次 (通-断)
安装方式: 采用 IEC 标准导轨安装
端子接线能力: 导线 1-25mm²,
母线排厚度 0.8-2mm
外壳宽度: 二极 36mm, 四极 72mm

Comply with standards: IEC/EN61008
Residual operating time: <100ms
Poles: 2P, 4P
Rated voltage (Ue): 240/415 (230/400V):
50/60HZ
Rated Current In: 25, 40, 63A
Rated leakage current I_{Δn}: 10, 30, 100, 300 mA
Sensitivity: AC-type, A-type
Anti-climatic conditions: IEC/EN61008
Enclosure protection class: IP40
Electrical Life ≥ 4000 times (ON-off)
Mechanical Life ≥ 20000 times (ON-off)
Installation: The IEC standard rail mounting
Wiring Terminal capacity: wires 1-25 mm²,
thickness of bus row 0.8-2mm
Case Width: 2 pole 36mm, 4 pole 72mm

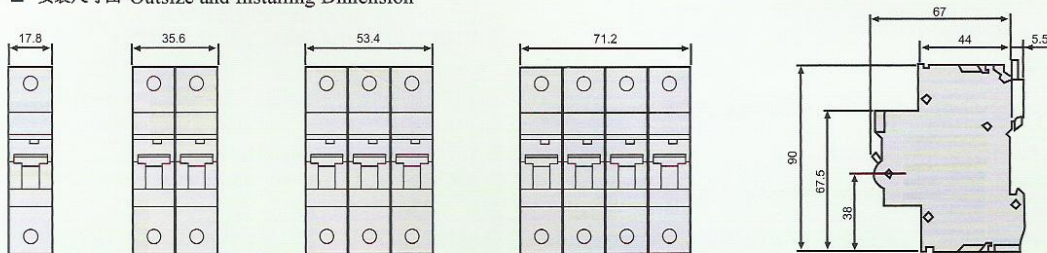
■ **主要特点 Features**

- * 两侧双功能接线端子, 可同时接母线排和单芯导线
- * 具有触头状态指示器
- * 多种漏电动作规格, 容易实现选择性保护
- * 可防止由于电子设备开关操作引起的误动作
- * Both sides of the dual-function terminal which can take bus row and single-core wire
- * Have contact status indicator
- * A variety of residual operating selective protection
- * Prevent mistaken switching operation of electronic equipment

■ 技术参数 Technical Data

项目 MCB-range, technical characteristics	UNIT	MCB6 6 kA	MCB6 10 kA	MCB6 15 kA
标准 Standards		IEC 60898, IEC 60947-2	IEC 60898, IEC 60947-2	IEC 60898, IEC 60947-2
额定电流 Rated Current Range	In	1 - 63 A	1 - 63 A	1 - 63 A
极数 Poles		1P, 1P+N, 2P, 3P, 4P	1P, 1P+N, 2P, 3P, 4P	1P, 1P+N, 2P, 3P, 4P
额定电压 Rated voltage	Ue	1P, 1P+N 230 Vac 2P, 3P, 4P 230 / 400	1P, 1P+N 230 Vac 2P, 3P, 4P 230 / 400	1P, 1P+N 230 Vac 2P, 3P, 4P 230 / 400
绝缘电压 Insulation voltage	Ui	500 V	500 V	500 V
直流额定电压 Rated voltage max. d.c. 1P		60 Vdc	60 Vdc	60 Vdc
直流额定电压 Rated voltage max. d.c. 2P		125 Vdc	125 Vdc	125 Vdc
最小操作电压 Minimum operating voltage Ub min.		12 Vac-12 Vdc	12 Vac-12 Vdc	12 Vac-12 Vdc
额定频率 Rated frequency		50/60 Hz	50/60 Hz	50/60 Hz
开断能力 Rated breaking capacity to IEC 60898 at 400 Vac	Icn	6KA	10KA	15KA
开断能力 Rated breaking capacity to IEC 60947-2 at 400 Vac	Icu	6KA	10KA	15KA
开断能力 Rated breaking capacity ultimate to IEC 60947-2 at 400 Vac	Ics	3KA	5KA	8KA
耐受电压 Impulse withstand voltage (1.2/50)	Uimp	5 kV	5 kV	5 kV
介电测试电压 Dielectric test voltage at 50/60Hz for 1 min.		2.5 kV	2.5 kV	2.5 kV
脱扣曲线 Instantaneous release Type B		3 to 5 x In	3 to 5 x In	3 to 5 x In
脱扣曲线 Instantaneous release Type C		5 to 10 x In	5 to 10 x In	5 to 10 x In
脱扣曲线 Instantaneous release Type D		10 to 20 x In	10 to 20 x In	10 to 20 x In
级数 Energy Limiting Class to IEC 60898 (In < 40A)		3	3	3
分合指示 Positive contact indication		Red / green flag indicator	Red / green flag indicator	Red / green flag indicator
电气寿命 Electrical life		>10,000 cycles	>10,000 cycles	>10,000 cycles
机械寿命 Mechanical life		>20,000 cycles	>20,000 cycles	>20,000 cycle
防护级 Protection degree inside / outside enclosure		IP 20 / IP 40	IP 20 / IP 40	IP 20 / IP 40
气候温度 Tropicalization to IEC 60068-2		+55 °C at 95% RH	+55 °C at 95% RH	+55 °C at 95% RH
热调温度 Thermal reference calibration temperature		40 °C (50 °C option)	40 °C (50 °C option)	40 °C (50 °C option)
工作温度 Operating temperature range		-25 °C to +55 °C	-25 °C to +55 °C	-25 °C to +55 °C
接线电缆 Cable capacity upper/lower term inals		25 mm ²	25 mm ²	25 mm ²
最大扭矩 Maximum terminal torque		2.0 Nm	2.0 Nm	2.0 Nm
安装导轨 Mounting		DIN rail EN 60715 (35 mm)	DIN rail EN 60715 (35 mm)	DIN rail EN 60715 (35 mm)
单极尺寸 Pole dimensions H x D x W		90 x 67 x 17.8 mm	90 x 67 x 17.8 mm	90 x 67 x 17.8 mm
单极重量 Pole weight		140 g	140 g	140 g

■ 安装尺寸图 Outsize and Installing Dimension



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