

UKB5 High Breaking Capacity Mini Circuit Breaker

UKB5 高分断小型断路器



UKB5-63

双接线
Double wiring

UKB5N-63

单接线
Single wiring

UKB5S-63

上双接线
Double wiring
on top

UKB5X-63

下双接线
Double wiring
on bottom

Icn : 4.5kA	UKB5-63D	UKB5N-63D	UKB5S-63D	UKB5X-63D
Icn : 6kA	UKB5-63	UKB5N-63	UKB5S-63	UKB5X-63
Icn: 10kA	UKB5-63H	UKB5N-63H	UKB5S-63H	UKB5X-63H

Model and Meanings

型号规格及其含义

UK B 5 □ -63 □ / □ / □ □

- 额定电流值 Rated current
- 瞬时脱扣器型式(用B、C、D表示) Tripping modes/curves(B,C or D)
- 极数(中性极用N表示) Pole number(Neutral pole: N)
- 分断能力 (Icn) Breaking capacity
无 (non) :6kA D:4.5kA H:10kA
- 壳架等级额定电流值 Rated frame current
- 接线方式 Connection mode
无 : 双接线 Non : Double wiring
N : 单接线 N : Single wiring
S : 上双接线 S : Double wiring on top
X : 下双接线 X : Double wiring on bottom
- 设计序号 Design code
- 小型断路器 Miniature circuit breaker
- 企业代号 Enterprise code

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Technology Specification

技术参数

符合标准 Conform to standard	EN60898(IEC898)、GB/T 10963.1
额定电压(Ue) Rated voltage	230V/400V; 50/60Hz
额定分断能力 Ics Rated breaking capacity	4.5kA / 6kA / 10kA
脱扣特性 Trip charetor	B、C、D特性曲线 B, C, D Type charcteristics curve
最大可连旧的熔断器 Max fuse than can be connected to	100A gL(>10kA)
选择性级别 Selection grade	3
工作环境温度 Work environment temperature	-5°C-+40°C
外壳防护等级 Case protection grade	IP40安装后 IP40(After installation)
电气寿命 Electrical life	不少于8000次通断动作 Not less of 8000 times switching operation
机械寿命 Mechanical life	不少于20000次通断动作 Not less of 20000 times switching operation

Mechanical Parameters

机械参数

安装方式 Installation mode	
外露面长度 The length of exposed plane	45mm
外壳高度 Enclosure height	81.4mm
外壳宽度 Enclosure width	17.8mm每极 (单极) 17.8mm every pole(monopole)
安装方式 Installation method	采用IEC标准导轨35mm The standard IEC 35mm rail
端子形式 Terminal manner	两用端子可连接母排及导线 Dual purpose terminal can connect generatrix and wire
端子接线能力 Terminal block capability	导线1-25mm 母排厚度0.8-2mm Conductor 1-25mm, Generatrix thickness 0.8-2mm

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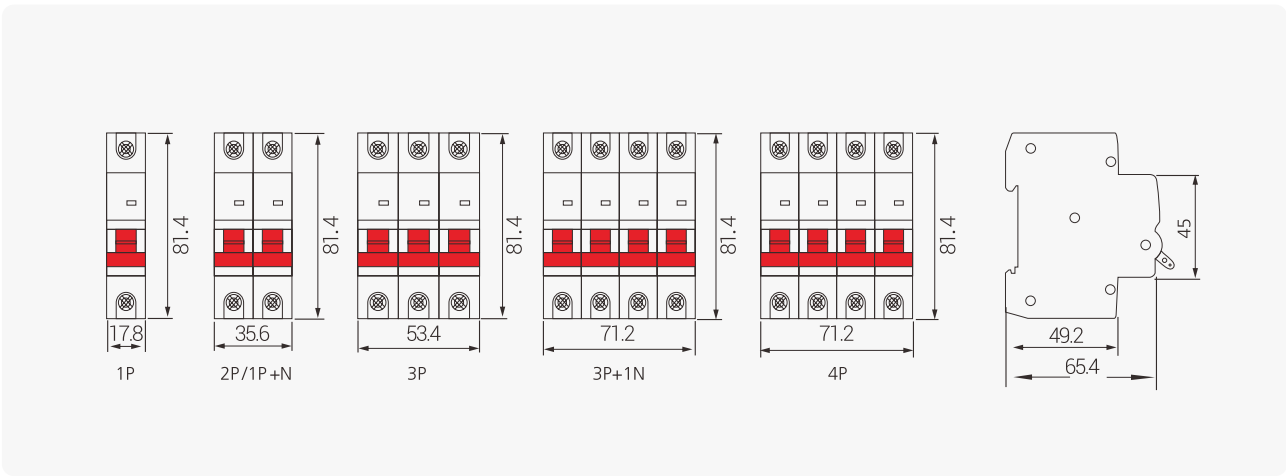
Accessories

附件

辅助触点 Auxilicary contact	UKZ7-AHK(见33页) (Refer to P33)
带报警指示触点 Contact with alarm indication	UKZ7-NHK(见33页) (Refer to P33)
分励脱扣器 Shunt trip	UKZ7-ASA(见34页) (Refer to P34)
欠压脱扣器 Under voltage trip	UKZ7-USA(见34页) (Refer to P34)

Outline and Installaiton Dimensions

外形与安装尺寸



Main Feature

主要特点

符合最新标准IEC898和GB/T 10963.1

电流脱扣整定精确

分断能力 4.5kA / 6kA / 10kA

极高的限流能力，可实现高的选择性

两侧双端子适合母线排和单芯导线，两侧均可使用母线排

多功能附件系列

复合槽的接线螺钉，扭矩大

接线牢，可实现快速接线

电源进线方向任意

Conforming of latest standard of IEC and GB 10963-99

Accurate current tripping and setting

High breaking capability 4.5kA / 6kA / 10kA

High current limitation capability to realize the high selection

Dual-terminal at two sides is suitable for the busway and single-core conductor

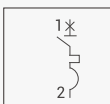
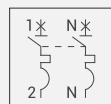
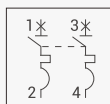
Multiple-function accessories series

Wiring screw of combined channel with large torque and solid wiring and rapid wiring

Free incoming-line direction of power supply

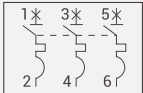
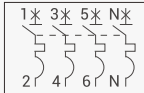
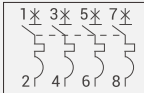
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		1P	1P+N	2P
对电气线路或设备的过载与短路起保护作用，且具有电源隔离功能。 Prevention of overload and short circuit of electrical device and circuit				
B特性曲线 B Type characteristics curve 瞬时脱扣3-5In 主要适用于无感或微感电路 Transient tripping 3-5In Mainly applied to non-sense or a sense of micro-circuits	额定电流 Rated current In(A) 			
C特性曲线 C Type characteristics curve 瞬时脱扣5-10In 主要适用于照明或部分动力回路 Transient tripping 5-10In Mainly used for lighting or partial power circuit	6	UKB5-63/1/B6	UKB5-63/1N/B6	UKB5-63/2/B6
	10	UKB5-63/1/B10	UKB5-63/1N/B10	UKB5-63/2/B10
	16	UKB5-63/1/B16	UKB5-63/1N/B16	UKB5-63/2/B16
	20	UKB5-63/1/B20	UKB5-63/1N/B20	UKB5-63/2/B20
	25	UKB5-63/1/B25	UKB5-63/1N/B25	UKB5-63/2/B25
	32	UKB5-63/1/B32	UKB5-63/1N/B32	UKB5-63/2/B32
	40	UKB5-63/1/B40	UKB5-63/1N/B40	UKB5-63/2/B40
	50	UKB5-63/1/B50	UKB5-63/1N/B50	UKB5-63/2/B50
	63	UKB5-63/1/B63	UKB5-63/1N/B63	UKB5-63/2/B63
	6	UKB5-63/1/C6	UKB5-63/1N/C6	UKB5-63/2/C6
	10	UKB5-63/1/C10	UKB5-63/1N/C10	UKB5-63/2/C10
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D特性曲线 D Type characteristics curve 瞬时脱扣10-20In 主要适用于动力回路或其它强感性回路 Transient tripping 10-20In Mainly use for partial power circuit or strong inductive circuit	6	UKB5-63/1/D6	UKB5-63/1N/D6	UKB5-63/2/D6
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16	UKB5-63/1/D16	UKB5-63/1N/D16	UKB5-63/2/D16	
20	UKB5-63/1/D20	UKB5-63/1N/D20	UKB5-63/2/D20	
25	UKB5-63/1/D25	UKB5-63/1N/D25	UKB5-63/2/D25	
32	UKB5-63/1/D32	UKB5-63/1N/D32	UKB5-63/2/D32	
40	UKB5-63/1/D40	UKB5-63/1N/D40	UKB5-63/2/D40	
50	UKB5-63/1/D50	UKB5-63/1N/D50	UKB5-63/2/D50	
63	UKB5-63/1/D63	UKB5-63/1N/D63	UKB5-63/2/D63	

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