

UKB7 High Breaking Capacity Mini Circuit Breaker

UKB7 高分断小型断路器



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 Icn Rated breaking capacity	10kA IEC898(1-63A)
直流短路分断能力 Short circuit breaking capa of DC	最大48V(UKB7...10kA)单级 Max 250V (UKB7...10kA) Monopole
	最大250V(UKB7-DC, 64A)单级 Max 250V (UKB7-DC, 64A) Monopole
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℃~+40℃
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 aperation
机械寿命 Mechanical life	不少于20000次通断动作 Not less of 20000 times switching aperation

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	80mm
外壳宽度 Enclosure width	17.5mm每极（单极） 17.5mm every pole(monopole)
安装方式 Moutily manner	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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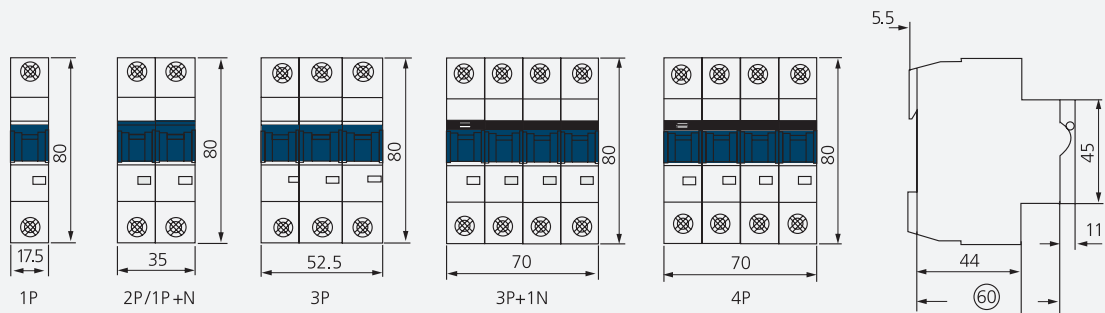
Accessories

附件

辅助触点 Auxiliary 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

分断能力高达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

具有直流产品，可广泛在电讯或电力机车等领域里应用

Conforming of latest standard of IEC and GB 10963-99

Accurate current tripping and setting

High breaking capability up to 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

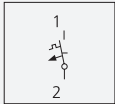
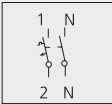
Wiring screw of combined channel with large torque and solid wiring and rapid wiring

Free incoming-line direction of power supply

DC product could be used at the fields such as communication or electric vehicle and so on.

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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 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 Mainly used for lighting or partial power circuit	6	UKB7-63/1/B6	UKB7-63/1N/B6	UKB7-63/2/B6
	10	UKB7-63/1/B10	UKB7-63/1N/B10	UKB7-63/2/B10
	16	UKB7-63/1/B16	UKB7-63/1N/B16	UKB7-63/2/B16
	20	UKB7-63/1/B20	UKB7-63/1N/B20	UKB7-63/2/B20
	25	UKB7-63/1/B25	UKB7-63/1N/B25	UKB7-63/2/B25
	32	UKB7-63/1/B32	UKB7-63/1N/B32	UKB7-63/2/B32
	40	UKB7-63/1/B40	UKB7-63/1N/B40	UKB7-63/2/B40
	50	UKB7-63/1/B50	UKB7-63/1N/B50	UKB7-63/2/B50
	63	UKB7-63/1/B63	UKB7-63/1N/B63	UKB7-63/2/B63
	80	UKB7-80/1/B80	UKB7-80/1N/B80	UKB7-80/2/B80
	6	UKB7-63/1/C6	UKB7-63/1N/C6	UKB7-63/2/C6
	10	UKB7-63/1/C10	UKB7-63/1N/C10	UKB7-63/2/C10
	16	UKB7-63/1/C16	UKB7-63/1N/C16	UKB7-63/2/C16
	20	UKB7-63/1/C20	UKB7-63/1N/C20	UKB7-63/2/C20
	25	UKB7-63/1/C25	UKB7-63/1N/C25	UKB7-63/2/C25
	32	UKB7-63/1/C32	UKB7-63/1N/C32	UKB7-63/2/C32
	40	UKB7-63/1/C40	UKB7-63/1N/C40	UKB7-63/2/C40
	50	UKB7-63/1/C50	UKB7-63/1N/C50	UKB7-63/2/C50
	63	UKB7-63/1/C63	UKB7-63/1N/C63	UKB7-63/2/C63
	80	UKB7-80/1/C80	UKB7-80/1N/C80	UKB7-80/2/C80
D特性曲线 D Type characteristics curve 瞬时脱扣10-20In Mainly used for partial power circuit or strong inductive circuit	6	UKB7-63/1/D6	UKB7-63/1N/D6	UKB7-63/2/D6
	10	UKB7-63/1/D10	UKB7-63/1N/D10	UKB7-63/2/D10
	16	UKB7-63/1/D16	UKB7-63/1N/D16	UKB7-63/2/D16
	20	UKB7-63/1/D20	UKB7-63/1N/D20	UKB7-63/2/D20
	25	UKB7-63/1/D25	UKB7-63/1N/D25	UKB7-63/2/D25
	32	UKB7-63/1/D32	UKB7-63/1N/D32	UKB7-63/2/D32
	40	UKB7-63/1/D40	UKB7-63/1N/D40	UKB7-63/2/D40
	50	UKB7-63/1/D50	UKB7-63/1N/D50	UKB7-63/2/D50
	63	UKB7-63/1/D63	UKB7-63/1N/D63	UKB7-63/2/D63
	80	UKB7-80/1/D80	UKB7-80/1N/D80	UKB7-80/2/D80

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		3P	3P+N	4P
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 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 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				
	额定电流 Rated current In(A)			
	6	UKB7-63/3/B6	UKB7-63/3N/B6	UKB7-63/4/B6
	10	UKB7-63/3/B10	UKB7-63/3N/B10	UKB7-63/4/B10
	16	UKB7-63/3/B16	UKB7-63/3N/B16	UKB7-63/4/B16
	20	UKB7-63/3/B20	UKB7-63/3N/B20	UKB7-63/4/B20
	25	UKB7-63/3/B25	UKB7-63/3N/B25	UKB7-63/4/B25
	32	UKB7-63/3/B32	UKB7-63/3N/B32	UKB7-63/4/B32
	40	UKB7-63/3/B40	UKB7-63/3N/B40	UKB7-63/4/B40
	50	UKB7-63/3/B50	UKB7-63/3N/B50	UKB7-63/4/B50
	63	UKB7-63/3/B63	UKB7-63/3N/B63	UKB7-63/4/B63
	80	UKB7-80/3/B80	UKB7-80/3N/B80	UKB7-80/4/B80
	6	UKB7-63/3/C6	UKB7-63/3/C6	UKB7-63/4/C6
	10	UKB7-63/3/C10	UKB7-63/3/C10	UKB7-63/4/C10
	16	UKB7-63/3/C16	UKB7-63/3/C16	UKB7-63/4/C16
	20	UKB7-63/3/C20	UKB7-63/3/C20	UKB7-63/4/C20
	25	UKB7-63/3/C25	UKB7-63/3/C25	UKB7-63/4/C25
	32	UKB7-63/3/C32	UKB7-63/3/C32	UKB7-63/4/C32
	40	UKB7-63/3/C40	UKB7-63/3/C40	UKB7-63/4/C40
	50	UKB7-63/3/C50	UKB7-63/3/C50	UKB7-63/4/C50
	63	UKB7-63/3/C63	UKB7-63/3/C63	UKB7-63/3/C63
	80	UKB7-80/3/C80	UKB7-80/3/C80	UKB7-80/3/C80
	6	UKB7-63/3/D6	UKB7-63/3N/D6	UKB7-63/4/D6
	10	UKB7-63/3/D10	UKB7-63/3N/D10	UKB7-63/4/D10
	16	UKB7-63/3/D16	UKB7-63/3N/D16	UKB7-63/4/D16
	20	UKB7-63/3/D20	UKB7-63/3N/D20	UKB7-63/4/D20
	25	UKB7-63/3/D25	UKB7-63/3N/D25	UKB7-63/4/D25
	32	UKB7-63/3/D32	UKB7-63/3N/D32	UKB7-63/4/D32
	40	UKB7-63/3/D40	UKB7-63/3N/D40	UKB7-63/4/D40
	50	UKB7-63/3/D50	UKB7-63/3N/D50	UKB7-63/4/D50
	63	UKB7-63/3/D63	UKB7-63/3N/D63	UKB7-63/4/D63
	80	UKB7-80/3/D80	UKB7-80/3N/D80	UKB7-80/4/D80