

ZKZ3L系列漏电断路器

ZKZ3L series residual current operated circuit-breaker

低压元件
L.V. Apparatus



用途:

ZKZ3L系列漏电断路器适用于交流50Hz, 额定绝缘电压500V, 额定工作电压400V, 额定电流至160A的低压电网中, 作为人身触电和设备漏电保护之用, 也可用来防止因设备绝缘损坏, 产生接地故障电流而引起的火灾危险; 同时可以用来保护线路和电源设备的过载及短路, 亦可作为线路的不频繁转换和电机的不频繁启动之用。

特点:

- 执行标准: IEC 60947-2, GB 14048.2

Application:

ZKZ3L series residual current operated circuit-breaker applies to AC 50Hz, the rated insulation voltage of 500V, the rated operating voltage of 400V and the rated current up to 160A, for the prevention from electric shock and the leakage of electricity. It can also be used to prevent the danger of fire caused by earth fault current owing to damage by insulation. Besides that, circuit-breaker can protect the circuit and device from overload and short-circuit, furthermore, it can also be used for infrequent changeover of circuit and infrequent turn-on fo motor.

Characteristics:

- Implementation of standards: IEC 60947-2 & GB 14048.2

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主要技术参数 Major technical parameters

序号 S/N	项目 Items	单位 Unit	技术参数 Technical Parameters	
			ZKZ3L-160	
1	壳架等级电流 I_{nm} Frame current	A	160	
2	极线数 Poles		4	
3	额定绝缘电压 U_i Rated insulation voltage	V	AC500	
4	额定电压 U_e Rated voltage	V	AC400	
5	额定电流 I_n Rated current	A	40、50、63、80、 100、125、160	
6	额定剩余动作电流 $I_{\Delta n}$ Rated residual operating current	mA	30/100/200	
7	额定剩余不动作电流 $I_{\Delta no}$ Rated residual non-operating current	mA	$\frac{1}{2} I_{\Delta n}$	
8	分断时间 Breaking time	s	快速型 Quick type	< 0.1
9	短路分断能力 I_{cu} / I_{cs} Short-circuit breaking capacity		kA	15/7.5
10	外型尺寸 Dimension		a	143
			b	258
			c	83.5
			Ca	108