

DZ47LE-63B系列智能防火防雷型漏电断路器 电子线路板具有三相四线供电功能

DZ47LE-63B series Arc-fault (AFCI) lightning protection residual current operated circuit-breaker
(The electronic circuit board with three-phase four wire power supply function)

低压元件
L.V. Apparatus



★ 3P/3P+N/4P规格的防雷型漏电断路器按照国家标准GB 16917.1—2014新要求设计：
缺少任意一相电压，产品仍具有漏电保护功能。

The lightning protection circuit breaker (3P/3P+N/4P) is according to the national standards GB 16917.1—2014 new design requirement: If any phase voltage is not available, the product still has the leakage protection function.

用途：

雷电及操作过电压会造成电子设备，信息产品及家电的损坏，也会破坏线路的绝缘，甚至引发火灾事故。防雷断路器能有效吸收雷电浪涌，保护线路和用电设备的安全，并且提高断路器保护功能的可靠性。

DZ47LE-63B系列防雷型漏电断路器，适用于交流50Hz，400V及以下电压，额定电流至63A及以下的电路中，具有防雷，过载，短路，漏电保护功能，主要用于民航，铁路，工矿，科研，电力，金融，气象，家庭等方面，能对仪表，电脑，电视，通讯设备等现代电子产品起良好的保护作用。

特点：

- 工作更可靠：有效解决普通漏电断路器在雷电时易脱扣的问题；
- 现代理念设计：利用计算机优化技术，集成了普通开关和防雷电装置的功能；
- 保护能力强：最大通流容量高，残压低。内置的雷电浪涌保护器，响应速度快，吸收能力强，限制电压低，无续流；
- 安装简便：与相同型号规格的普通断路器安装尺寸相同，可直接替换使用；
- 执行标准：GB 10963.1 IEC 60898-1
GB 16917.1 IEC 61008-1
GB18802.1 IEC 61643-1

Application:

Lightning and over-voltage will cause damage to electronic equipment, information products and household appliances. Besides this, it also will destroy the insulation of circuit, and even cause fire. Lightning-protection circuit breakers can effectively absorb the lightning surge, to protect circuit and electrical equipment safety, and improve the reliability of circuit breaker protection function.

DZ47LE-63B series lightning protection type residual current operated circuit-breaker applies to circuit with AC 50Hz, below 400V, and the rated current up to 63A and below. It has lightning protection, overload, short circuit, and leakage protection function. Mainly be used in civil aviation, railway, mining, scientific research, electric power, finance, weather, household and etc. It has a good protective effect on modern electronics products such as meter, computer, television, communications equipment etc.

Characteristics:

- More reliable working: To solve the problem that a common RCCB be easy to trigger when lightning.
- Modern design concept: making use of computer optimized technology, and integrating the functions of common RCCB and lightning protection device.
- Strong protection ability: maximum flux, low residual voltage, built-in lightning surge protector, high response speed, strong absorption, low limit voltage, and no follow current.
- Easy installation: the installation size are the same for the common RCCB of the same model and specification, it can be replaced directly.
- Implementation of standards:
GB 10963.1 IEC 60898-1 IEC 61008-1 IEC 61643-1
GB 16917.1 IEC 61008-1 IEC 61643-1
GB 18802.1 IEC 61643-1

DZ47LE-63B系列智能防火防雷型漏电断路器 电子线路板具有三相四线供电功能

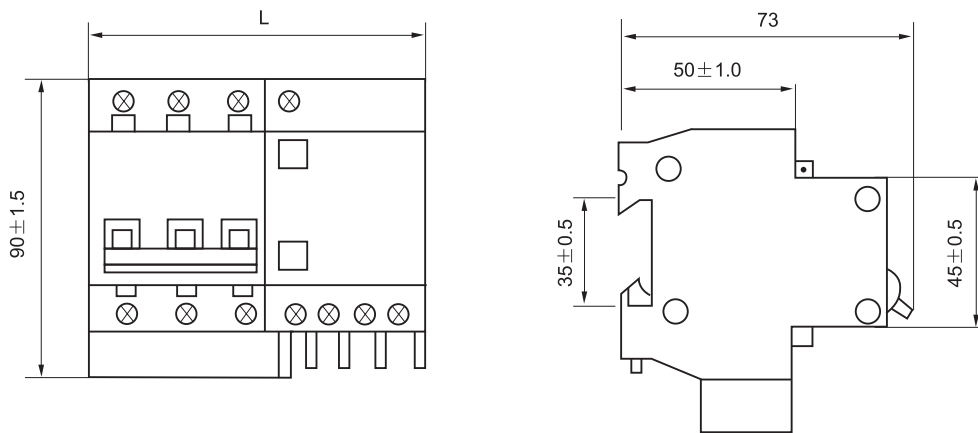
低压元件
L.V. Apparatus

DZ47LE-63B series Arc-fault (AFCI) lightning protection residual current operated circuit-breaker
(The electronic circuit board with three-phase four wire power supply function)

技术参数 Technical parameters

序号 S/N	项目 Items	单位 Unit	技术参数 Technical Parameters
			DZ47LE-63B
1	额定电压 Ue rated voltage	V	AC 230(1P+N、2P)、400(3P、3P+N、4P)
2	额定电流 In rated current	A	6、10、16、20、25、32、40、50、63
3	额定短路通断能力 Icn=Ics rated short-circuit marking capacity	A	4000
4	瞬时脱扣器类型 Instantaneous release type		C、D
5	额定漏电动作电流 rated residual operating current	mA	30
6	额定漏电不动作电流 IΔno rated residual non-operating current	mA	15
7	分断时间 breaking time	S	<0.1
8	残压值 Ures residual voltage value	kV	<1
9	最大通流容量 I _{max} (8120us) maximal through-flow capacity	kA	6

外形尺寸 External Dimension



极线数 Number of poles	1N	2	3	3N	4
L mm	54 ± 1.0	72 ± 1.0	108 ± 1.75	117 ± 1.75	135 ± 1.75