

➤ **概述 Overview**

本系列半导体器件保护用熔断器，产品符合GB/T13539.4、IEC60269-4、UL248等标准，交直流50Hz、额定电压AC690V/DC1000V/AC1250V，额定电流 40-1600A，分断能力DC50kA，AC100kA，使用类别为aR，适用于配电、轨道交通、储能、风电、充电桩、电驱动系统、功率变换系统、变频器等成套器件的短路及后备保护。

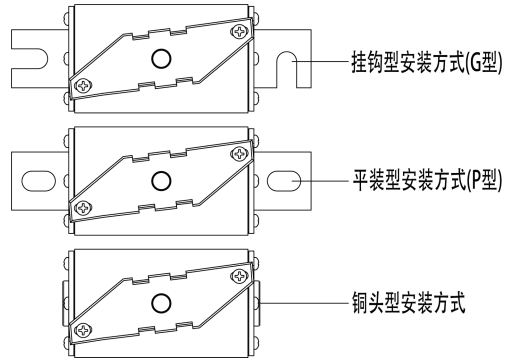
This series of fuses for semiconductor device protection, products in line with GB/T13539.4, IEC60269-4, UL248 and other standards, AC and DC 50Hz, rated hall AC690V, rated current 60-1200A, Breaking capacity DC50kA AC100kA, use e category for aR, suitable for power distribution, rail transportation, storage, wind power, charging pile, electric drive syst ems, power transformation system, inverter and other complete sets of devices of short circuit and backup protection.

➤ **特性 Characteristics**

熔断器属易耗件，由端头接线端子、熔管、熔体、填料等组成。熔体封装于熔管内，熔管中充填足量的灭弧介质，熔体二端接线端子牢固电连接，组成封闭式母线结构。本系列熔断器具有外型体积小、额定容量大、分断能力高、熔断速度快、限流特性显著、可直接利用螺栓将本体安装在汇流母排上等特点。

The fuse is a consumable part, which is composed of terminal terminals, fuse tubes, melts, fillers, etc. The melt is packaged in the fuse tube, the fuse tube is filled with sufficient arc extinguishing medium, and the two terminal terminals of the melt are firmly electrically connected to form a closed tube bus structure. This series of fuses has the characteristics of small Specification, large rated capacity, high breaking capacity, fast fusing speed, remarkable current limiting characteristics, and can be directly installed on the bus by bolts.

➤ **安装方式 Installation**



➤ **订货型号示例 Order code example**

企业代码 enterprise code	系列 series	额定电流 Rated current	额定电压 Rated voltage	规格mm Specification
LC	E	40A	6V=AC690V	43L




➤ **技术参数 Parameters**

规格 Specification	型号 Model	额定电流 Rated current	额定电压 Rated voltage	保护类别 Protection category	螺栓 Bolt	扭矩N.m Torque
	LCE40A6V43L	40A	AC690V	aR	M8	11 ± 2N.m
	LCE50A6V43L	50A	AC690V	aR	M8	11 ± 2N.m
	LCE63A6V43L	63A	AC690V	aR	M8	11 ± 2N.m
	LCE80A6V43L	80A	AC690V	aR	M8	11 ± 2N.m
	LCE100A6V43L	100A	AC690V	aR	M8	11 ± 2N.m
	LCE125A6V43L	125A	AC690V	aR	M8	11 ± 2N.m
	LCE160A6V43L	160A	AC690V	aR	M8	11 ± 2N.m
	LCE200A6V43L	200A	AC690V	aR	M8	11 ± 2N.m
	LCE225A6V43L	225A	AC690V	aR	M8	11 ± 2N.m
	LCE250A6V43L	250A	AC690V	aR	M8	11 ± 2N.m
	LCE315A6V43L	315A	AC690V	aR	M8	11 ± 2N.m
	LCE350A6V43L	350A	AC690V	aR	M8	11 ± 2N.m
	LCE400A6V43L	400A	AC690V	aR	M8	11 ± 2N.m
	LCE450A6V43L	450A	AC690V	aR	M8	11 ± 2N.m
	LCE500A6V43L	500A	AC690V	aR	M8	11 ± 2N.m
	LCE550A6V43L	550A	AC690V	aR	M8	11 ± 2N.m
	LCE600A6V43L	600A	AC690V	aR	M8	11 ± 2N.m
	LCE630A6V43L	630A	AC690V	aR	M8	11 ± 2N.m



43x52mm




> 技术参数 Parameters

规格 Specification	型号 Model	额定电流 Rated current	额定电压 Rated voltage	保护类别 Protection category	螺栓 Bolt	扭矩N.m Torque
 51x53mm	LCE50A6V51L	50A	AC690V	aR	M8	11 ± 2N. m
	LCE63A6V51L	63A	AC690V	aR	M8	11 ± 2N. m
	LCE80A6V51L	80A	AC690V	aR	M8	11 ± 2N. m
	LCE100A6V51L	100A	AC690V	aR	M8	11 ± 2N. m
	LCE125A6V51L	125A	AC690V	aR	M8	11 ± 2N. m
	LCE160A6V51L	160A	AC690V	aR	M8	11 ± 2N. m
	LCE200A6V51L	200A	AC690V	aR	M8	11 ± 2N. m
	LCE225A6V51L	225A	AC690V	aR	M8	11 ± 2N. m
	LCE250A6V51L	250A	AC690V	aR	M8	11 ± 2N. m
	LCE315A6V51L	315A	AC690V	aR	M8	11 ± 2N. m
	LCE350A6V51L	350A	AC690V	aR	M8	11 ± 2N. m
	LCE400A6V51L	400A	AC690V	aR	M8	11 ± 2N. m
	LCE450A6V51L	450A	AC690V	aR	M8	11 ± 2N. m
	LCE500A6V51L	500A	AC690V	aR	M8	11 ± 2N. m
	LCE550A6V51L	550A	AC690V	aR	M8	11 ± 2N. m
	LCE600A6V51L	600A	AC690V	aR	M8	11 ± 2N. m
	LCE630A6V51L	630A	AC690V	aR	M8	11 ± 2N. m
LCE700A6V51L	700A	AC690V	aR	M8	11 ± 2N. m	
LCE800A6V51L	800A	AC690V	aR	M8	11 ± 2N. m	
 60x51mm	LCE315A6V60L	315A	AC690V	aR	M10	15N. m
	LCE400A6V60L	400A	AC690V	aR	M10	15N. m
	LCE450A6V60L	450A	AC690V	aR	M10	15N. m
	LCE500A6V60L	500A	AC690V	aR	M10	15N. m
	LCE630A6V60L	630A	AC690V	aR	M10	15N. m
 75x53mm	LCE500A6V75L	500A	AC690V	aR	M12	46 ± 2N. m
	LCE550A6V75L	550A	AC690V	aR	M12	46 ± 2N. m
	LCE630A6V75L	630A	AC690V	aR	M12	46 ± 2N. m
	LCE700A6V75L	700A	AC690V	aR	M12	46 ± 2N. m
	LCE800A6V75L	800A	AC690V	aR	M12	46 ± 2N. m
	LCE900A6V75L	900A	AC690V	aR	M12	46 ± 2N. m
	LCE1000A6V75L	1000A	AC690V	aR	M12	46 ± 2N. m
	LCE1100A6V75L	1100A	AC690V	aR	M12	46 ± 2N. m
	LCE1250A6V75L	1250A	AC690V	aR	M12	46 ± 2N. m
	LCE1400A6V75L	1400A	AC690V	aR	M12	46 ± 2N. m
	LCE1500A6V75L	1500A	AC690V	aR	M12	46 ± 2N. m
LCE1600A6V75L	1600A	AC690V	aR	M12	46 ± 2N. m	




> 订货型号示例 Order code example

企业代码 enterprise code	系列 series	额定电流 Rated current	额定电压 Rated voltage	规格mm Specification
LC	E	50A	8V=DC750/800V 10V=AC1250/DC1000V	43L

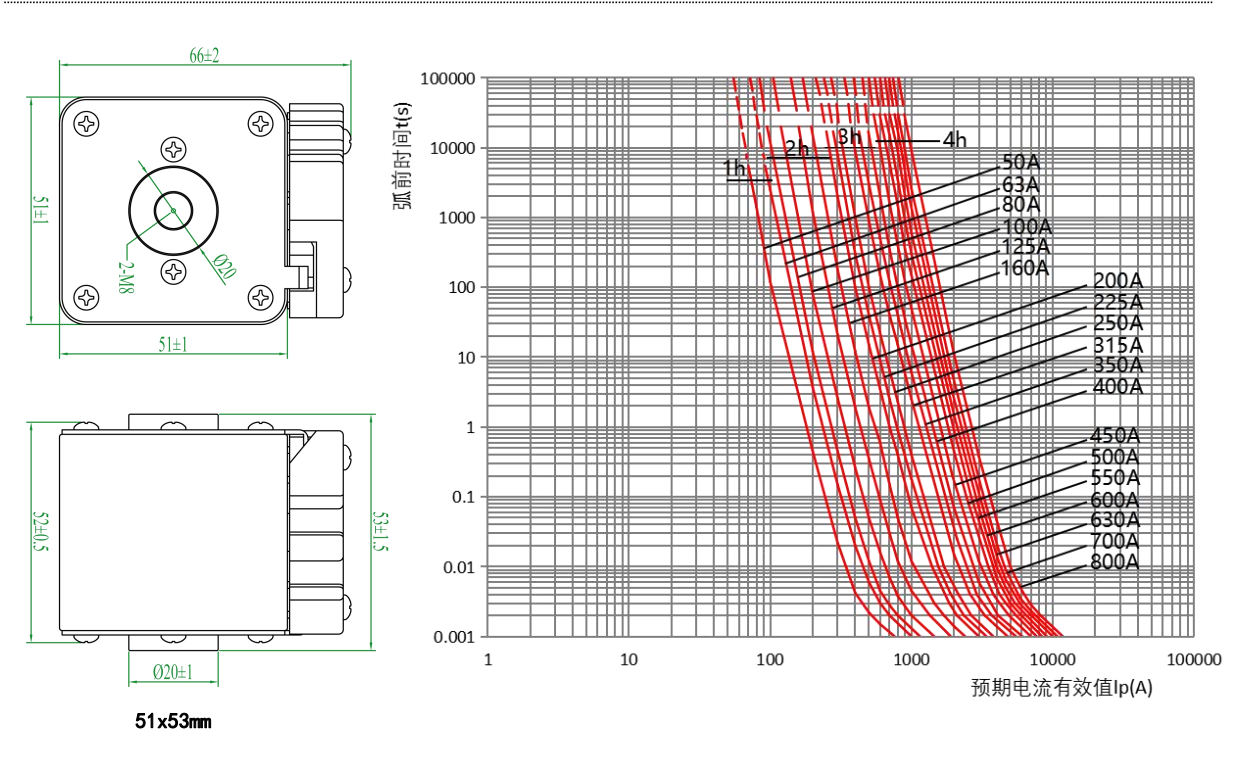
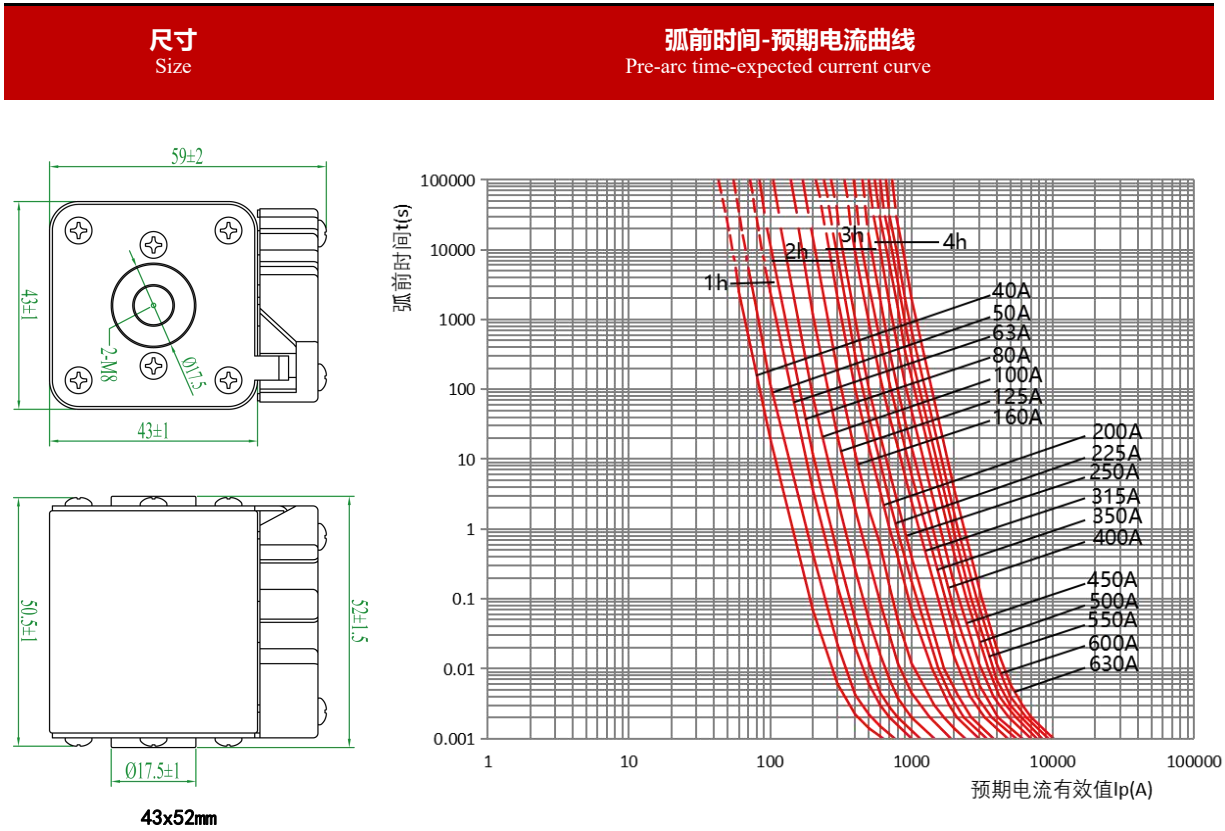
> 技术参数 Parameters

规格 Specification	型号 Model	额定电流 Rated current	额定电压 Rated voltage	保护类别 Protection category	螺栓 Bolt	扭矩N.m Torque
 43x82mm	LCE50A10V43L	50A	AC1250/DC1000V	aR	M8	11 ± 2N.m
	LCE63A10V43L	63A	AC1250/DC1000V	aR	M8	11 ± 2N.m
	LCE80A10V43L	80A	AC1250/DC1000V	aR	M8	11 ± 2N.m
	LCE100A10V43L	100A	AC1250/DC1000V	aR	M8	11 ± 2N.m
	LCE125A10V43L	125A	AC1250/DC1000V	aR	M8	11 ± 2N.m
	LCE160A10V43L	160A	AC1250/DC1000V	aR	M8	11 ± 2N.m
	LCE200A10V43L	200A	AC1250/DC1000V	aR	M8	11 ± 2N.m
	LCE250A10V43L	250A	AC1250/DC1000V	aR	M8	11 ± 2N.m
	LCE315A10V43L	315A	AC1250/DC1000V	aR	M8	11 ± 2N.m
 51x83mm	LCE100A10V51L	100A	AC1250/DC1000V	aR	M8	11 ± 2N.m
	LCE160A10V51L	160A	AC1250/DC1000V	aR	M8	11 ± 2N.m
	LCE200A10V51L	200A	AC1250/DC1000V	aR	M8	11 ± 2N.m
	LCE250A10V51L	250A	AC1250/DC1000V	aR	M8	11 ± 2N.m
	LCE315A10V51L	315A	AC1250/DC1000V	aR	M8	11 ± 2N.m
	LCE400A10V51L	400A	AC1250/DC1000V	aR	M8	11 ± 2N.m
 60x81mm	LCE250A10V60L	250A	AC1250/DC1000V	aR	M10	21 ± 2N.m
	LCE280A10V60L	280A	AC1250/DC1000V	aR	M10	21 ± 2N.m
	LCE315A10V60L	315A	AC1250/DC1000V	aR	M10	21 ± 2N.m
	LCE350A10V60L	350A	AC1250/DC1000V	aR	M10	21 ± 2N.m
	LCE400A10V60L	400A	AC1250/DC1000V	aR	M10	21 ± 2N.m
	LCE450A10V60L	450A	AC1250/DC1000V	aR	M10	21 ± 2N.m
	LCE500A10V60L	500A	AC1250/DC1000V	aR	M10	21 ± 2N.m
	LCE550A10V60L	550A	AC1250/DC1000V	aR	M10	21 ± 2N.m
	LCE630A10V60L	630A	AC1250/DC1000V	aR	M10	21 ± 2N.m
	LCE700A10V60L	700A	AC1250/DC1000V	aR	M10	21 ± 2N.m
	LCE800A10V60L	800A	AC1250/DC1000V	aR	M10	21 ± 2N.m
	LCE900A10V60L	900A	AC1250/DC1000V	aR	M10	21 ± 2N.m
	LCE1000A10V60L	1000A	AC1250/DC1000V	aR	M10	21 ± 2N.m

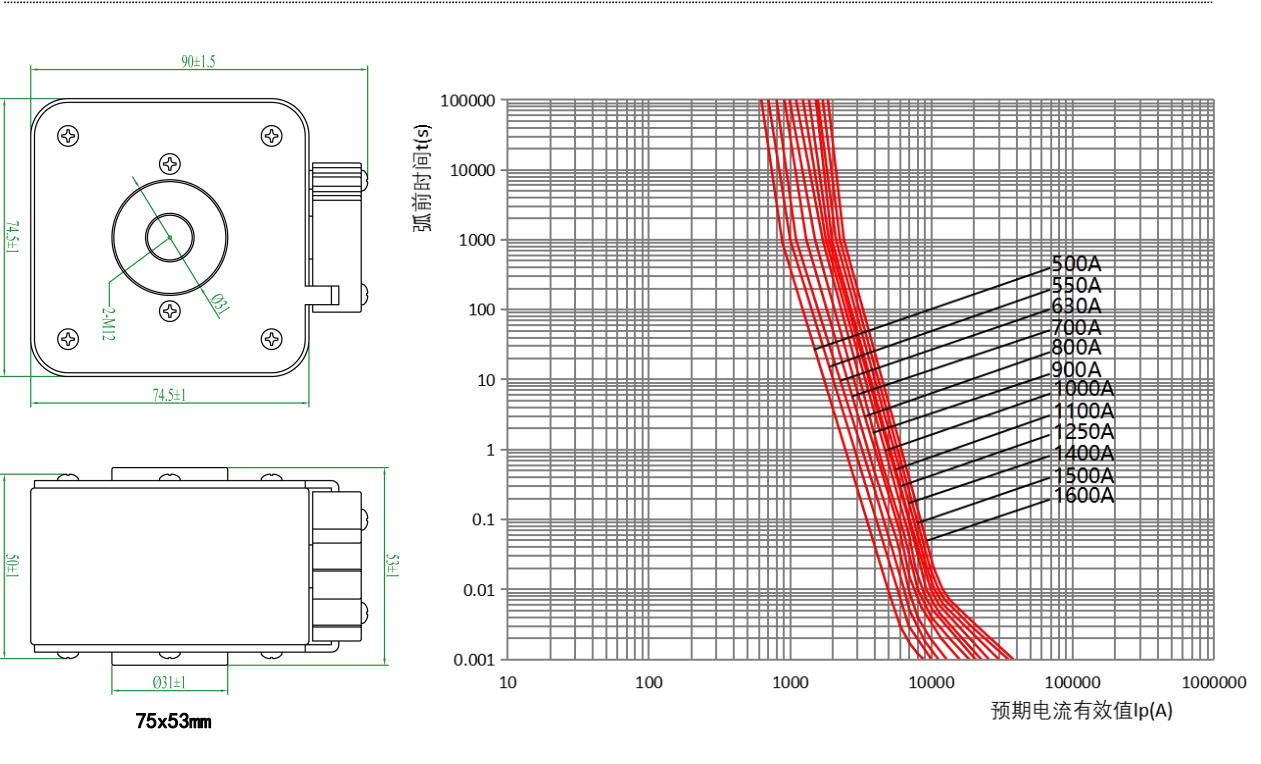
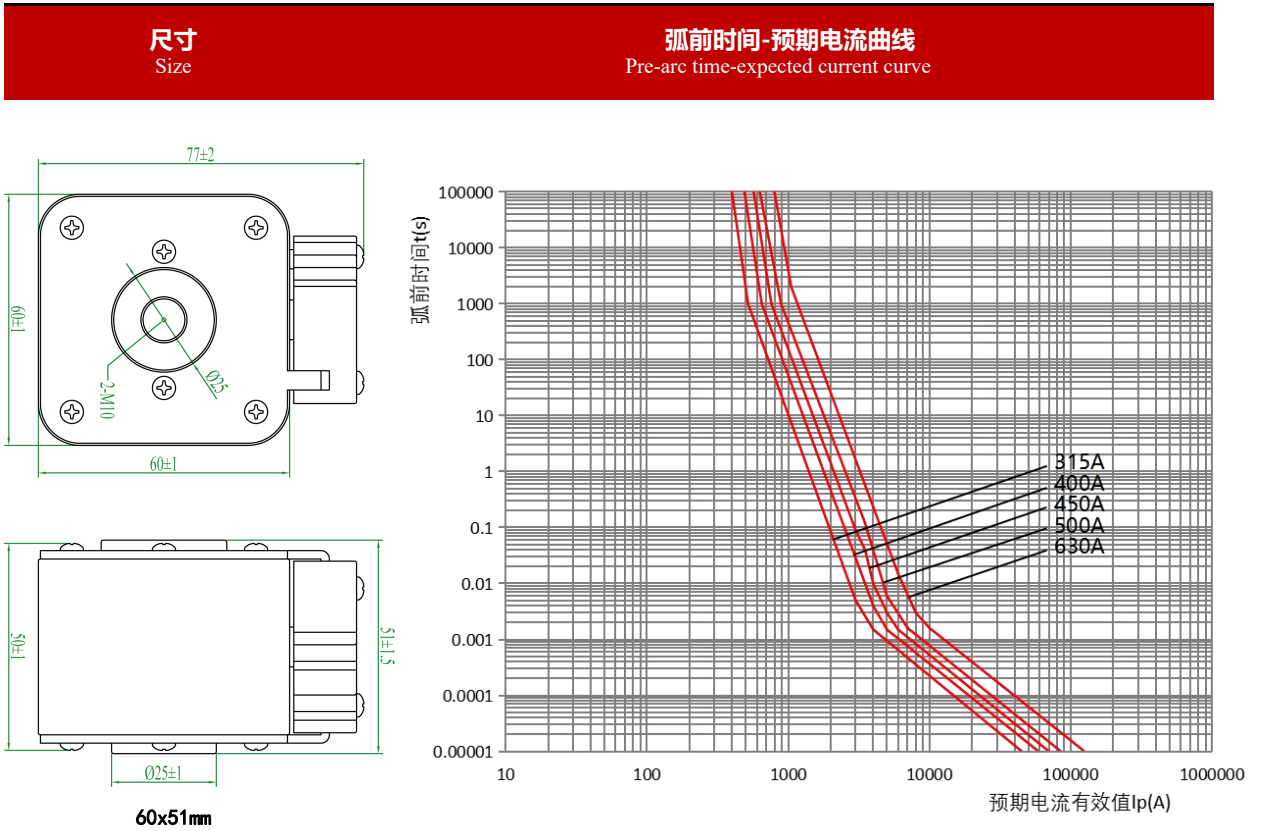
➤ 技术参数 Parameters

规格 Specification	型号 Model	额定电流 Rated current	额定电压 Rated voltage	保护类别 Protection category	螺栓 Bolt	扭矩N.m Torque
 <p>75x83mm</p>	LCE315A10V75L	315A	AC1250/DC1000V	aR	M12	46 ± 2N.m
	LCE350A10V75L	350A	AC1250/DC1000V	aR	M12	46 ± 2N.m
	LCE400A10V75L	400A	AC1250/DC1000V	aR	M12	46 ± 2N.m
	LCE450A10V75L	450A	AC1250/DC1000V	aR	M12	46 ± 2N.m
	LCE500A10V75L	500A	AC1250/DC1000V	aR	M12	46 ± 2N.m
	LCE550A10V75L	550A	AC1250/DC1000V	aR	M12	46 ± 2N.m
	LCE630A10V75L	630A	AC1250/DC1000V	aR	M12	46 ± 2N.m
	LCE700A10V75L	700A	AC1250/DC1000V	aR	M12	46 ± 2N.m
	LCE800A10V75L	800A	AC1250/DC1000V	aR	M12	46 ± 2N.m
	LCE900A10V75L	900A	AC1250/DC1000V	aR	M12	46 ± 2N.m
	LCE1000A10V75L	1000A	AC1250/DC1000V	aR	M12	46 ± 2N.m
	LCE1100A10V75L	1100A	AC1250/DC1000V	aR	M12	46 ± 2N.m
 <p>96x37mm</p>	LCE25A8V96L	25A	DC750/800V	aR	M8	12 ± 2N.m
	LCE32A8V96L	32A	DC750/800V	aR	M8	12 ± 2N.m
	LCE40A8V96L	40A	DC750/800V	aR	M8	12 ± 2N.m
	LCE50A8V96L	50A	DC750/800V	aR	M8	12 ± 2N.m
	LCE63A8V96L	63A	DC750/800V	aR	M8	12 ± 2N.m
	LCE80A8V96L	80A	DC750/800V	aR	M8	12 ± 2N.m
	LCE100A8V96L	100A	DC750/800V	aR	M8	12 ± 2N.m
	LCE125A8V96L	125A	DC750/800V	aR	M8	12 ± 2N.m
	LCE160A8V96L	160A	DC750/800V	aR	M8	12 ± 2N.m
	LCE200A8V96L	200A	DC750/800V	aR	M8	12 ± 2N.m
	LCE225A8V96L	225A	DC750/800V	aR	M8	12 ± 2N.m
	LCE250A8V96L	250A	DC750/800V	aR	M8	12 ± 2N.m
	 <p>113x36mm</p>	LCE25A10V113L	25A	DC1000V	aR	M8
LCE32A10V113L		32A	DC1000V	aR	M8	12 ± 2N.m
LCE40A10V113L		40A	DC1000V	aR	M8	12 ± 2N.m
LCE50A10V113L		50A	DC1000V	aR	M8	12 ± 2N.m
LCE63A10V113L		63A	DC1000V	aR	M8	12 ± 2N.m
LCE80A10V113L		80A	DC1000V	aR	M8	12 ± 2N.m
LCE100A10V113L		100A	DC1000V	aR	M8	12 ± 2N.m
LCE125A10V113L		125A	DC1000V	aR	M8	12 ± 2N.m
LCE160A10V113L		160A	DC1000V	aR	M8	12 ± 2N.m
LCE200A10V113L		200A	DC1000V	aR	M8	12 ± 2N.m
LCE225A10V113L		225A	DC1000V	aR	M8	12 ± 2N.m
LCE250A10V113L		250A	DC1000V	aR	M8	12 ± 2N.m

➤ 尺寸 Size / 弧前时间-预期电流曲线 Pre-arc time-expected current curve

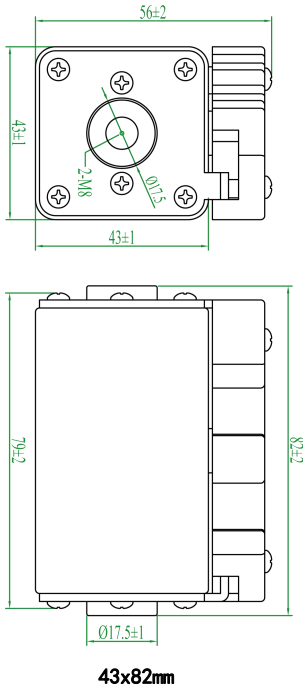


➤ 尺寸 Size / 弧前时间-预期电流曲线 Pre-arc time-expected current curve

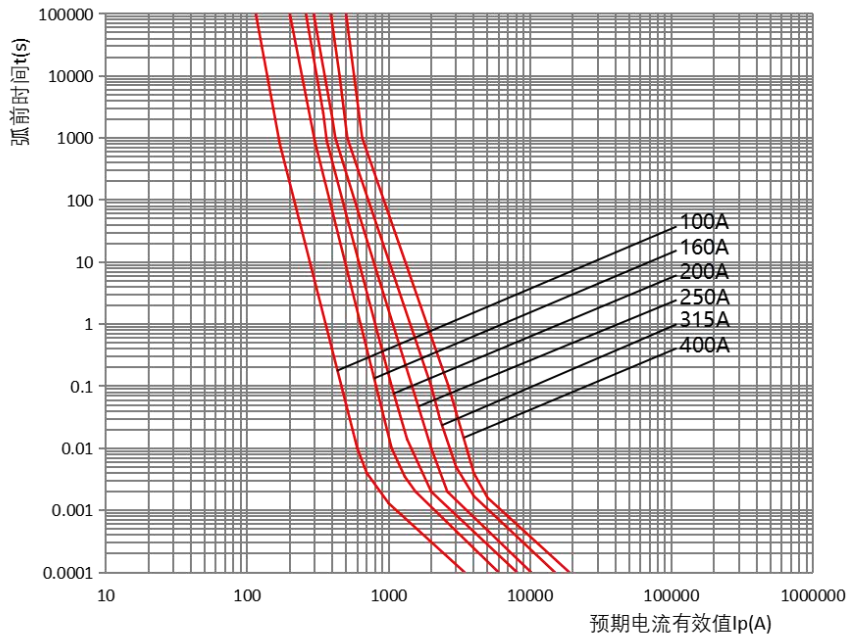
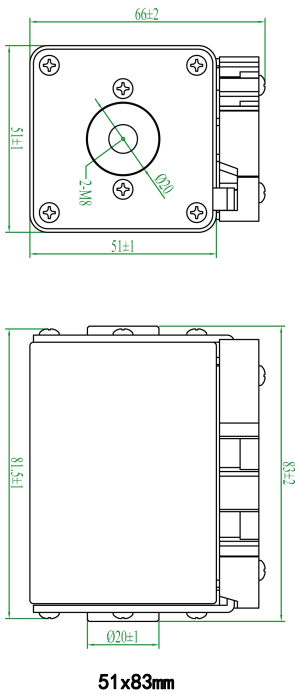
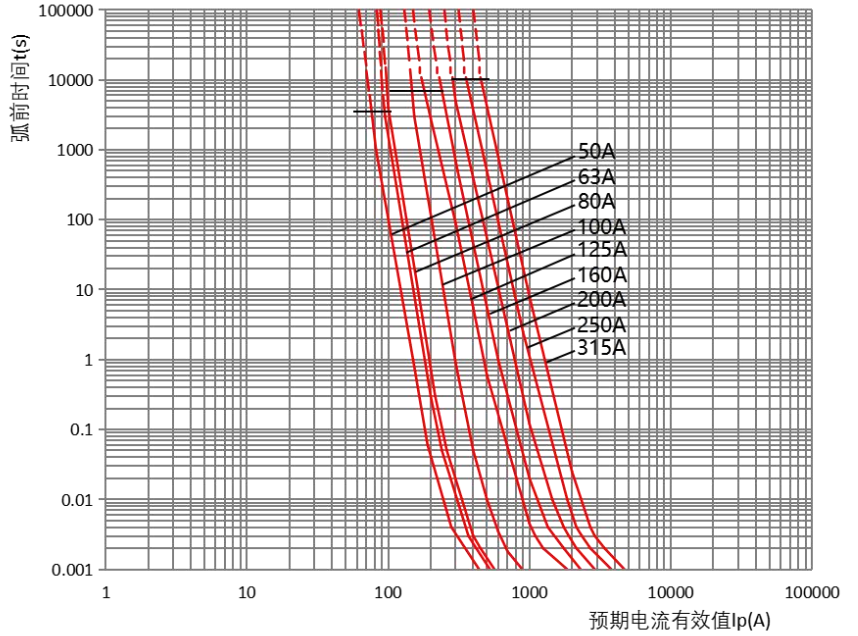


➤ 尺寸 Size / 弧前时间-预期电流曲线 Pre-arc time-expected current curve

尺寸
Size

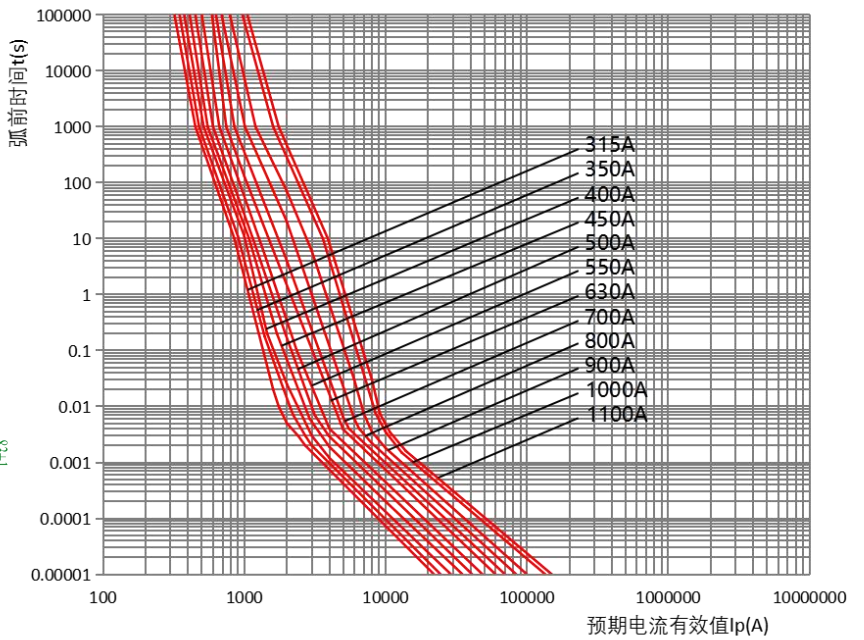
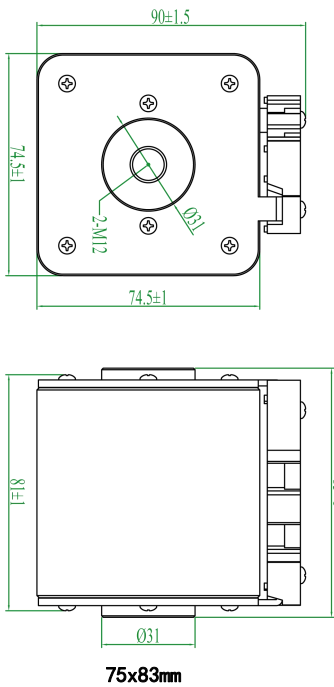
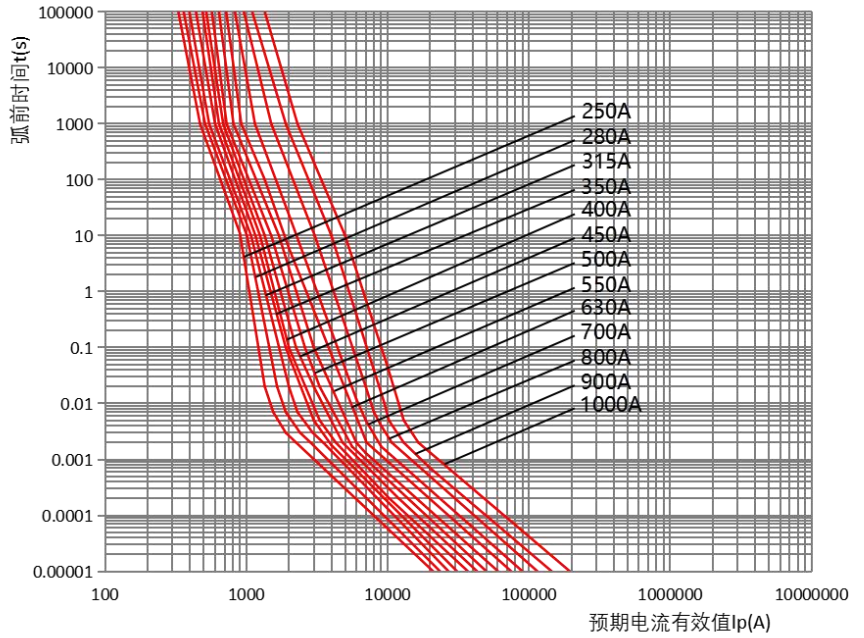
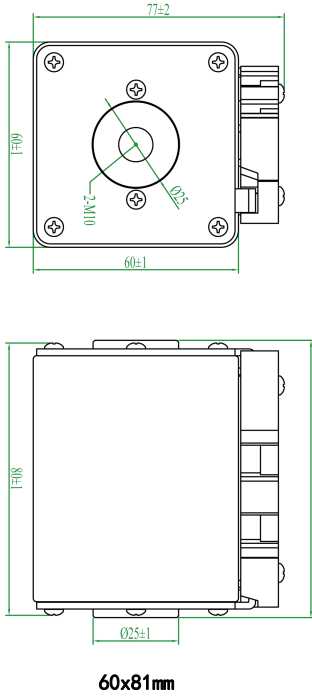


弧前时间-预期电流曲线
Pre-arc time-expected current curve



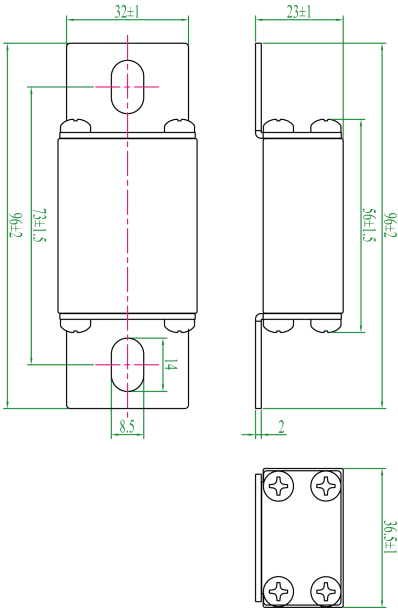
➤ 尺寸 Size / 弧前时间-预期电流曲线 Pre-arc time-expected current curve

尺寸 Size / **弧前时间-预期电流曲线** Pre-arc time-expected current curve

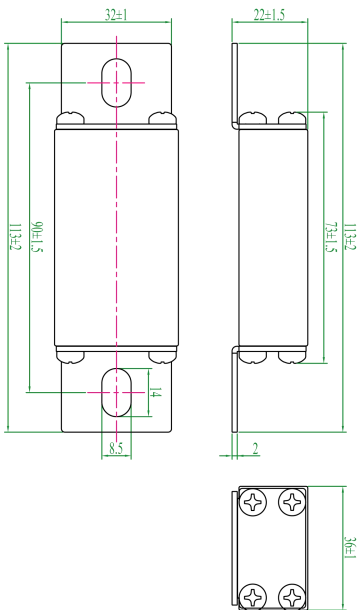
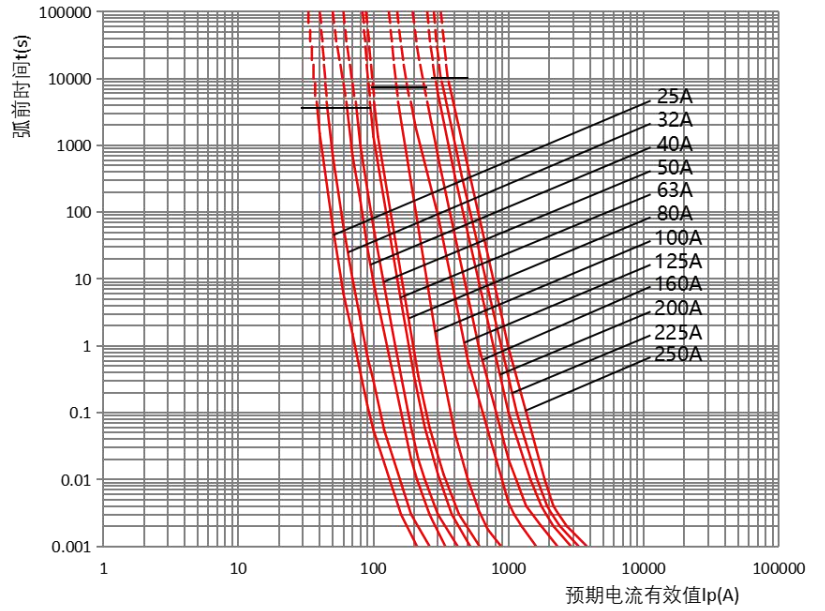


➤ 尺寸 Size / 弧前时间-预期电流曲线 Pre-arc time-expected current curve

尺寸 Size / **弧前时间-预期电流曲线 Pre-arc time-expected current curve**



96x37mm



113x36mm

