

DC MCB

直流断路器



1P



2P



3P



4P

LKL7-63DC DC MCB 63A 1000V



可选模型

L7 Model



LKXX-D8直流微型断路器，专用于多组串光伏系统。额定电压250/500/750/1000VDC，分断能力10kA。双向电流检测和保护，无极性要求。提供C/K脱扣曲线，1~63A。位置触点指示，可锁定在OFF位置，便于逆变器维护。符合IEC/EN 60947-2标准

LKXX-D8 DC miniature circuit breaker is dedicated to multi-string photovoltaic installations. Rated voltage 250/500/750/1000VDC with breaking capacity 10kA. Bidirectional current detection and protection, no polarity sensitive. C/K trip curves available, 1~63A. Position contact indication, lockable in OFF position for PV inverter removal. Conform to IEC/EN 60947-2.

- DC Miniature Circuit Breaker dedicated to multi-string photovoltaic installations
直流微型断路器，专用于多组串光伏系统
- Protects cables between PV modules and inverter against overloads and short circuits
保护光伏组件与逆变器之间的电缆，防止过载和短路
- Bidirectional current detection and protection, no polarity sensitive
双向电流检测和保护，无极性要求
- Can be locked in OFF position for PV inverter removal
可锁定在OFF位置，便于逆变器维护
- Combined with switch, installed in string PV protection enclosure
配合开关使用，安装于组串光伏保护箱内
- Comes with inter-pole barrier for increased isolation distance
标配极间隔板，增加相邻连接器之间的隔离距离

LK	XX	-	63	-	DC
	1		2		3

1 Model/模型

2 Current/电流

3 工作电流

TECHNOLOGY PARAMETER / 技术参数

Model / 型号	Sym	LKXX-D8/1P	LKXX-D8/2P	LKXX-D8/3P	LKXX-D8/4P
Standard / 执行标准	□	IEC/EN 60947-2	IEC/EN 60947-2	IEC/EN 60947-2	IEC/EN 60947-2
Rated Voltage / 额定电压	[Ue]	250VDC	500VDC	750VDC	1000VDC
Rated Insulation Voltage / 额定绝缘电压	[Ui]	1000VDC	1000VDC	1000VDC	1000VDC
Breaking Capacity / 分断能力	[Icu]	10kA	10kA	10kA	10kA
Rated Service Breaking / 额定使用分断能力	[Ics]	100%Icu	100%Icu	100%Icu	100%Icu
Impulse Voltage / 冲击电压	[Uimp]	4kV	4kV	4kV	4kV
Current Rating / 额定电流	[In]	1~63A	1~63A	1~63A	1~63A
Instantaneous Trip (C) / 瞬时脱扣(C)	□	(7~10)In	(7~10)In	(7~10)In	(7~10)In
Instantaneous Trip (D) / 瞬时脱扣(D)	□	(10~14)In	(10~14)In	(10~14)In	(10~14)In
Instantaneous Trip (K) / 瞬时脱扣(K)	□	(14~18)In	(14~18)In	(14~18)In	(14~18)In
Category / 使用类别	□	A	A	A	A
Pollution Degree / 污染等级	□	2	2	2	2
Endurance (Elec.) / 电气耐久	□	1500 cycles/次 (where L / R=2 ms)	1500 cycles/次 (where L / R=2 ms)	1500 cycles/次 (where L / R=2 ms)	1500 cycles/次 (where L / R=2 ms)
Endurance (Mech.) / 机械耐久	□	20000 cycles	20000 cycles	20000 cycles	20000 cycles

MECHANICAL DATA / 机械数据

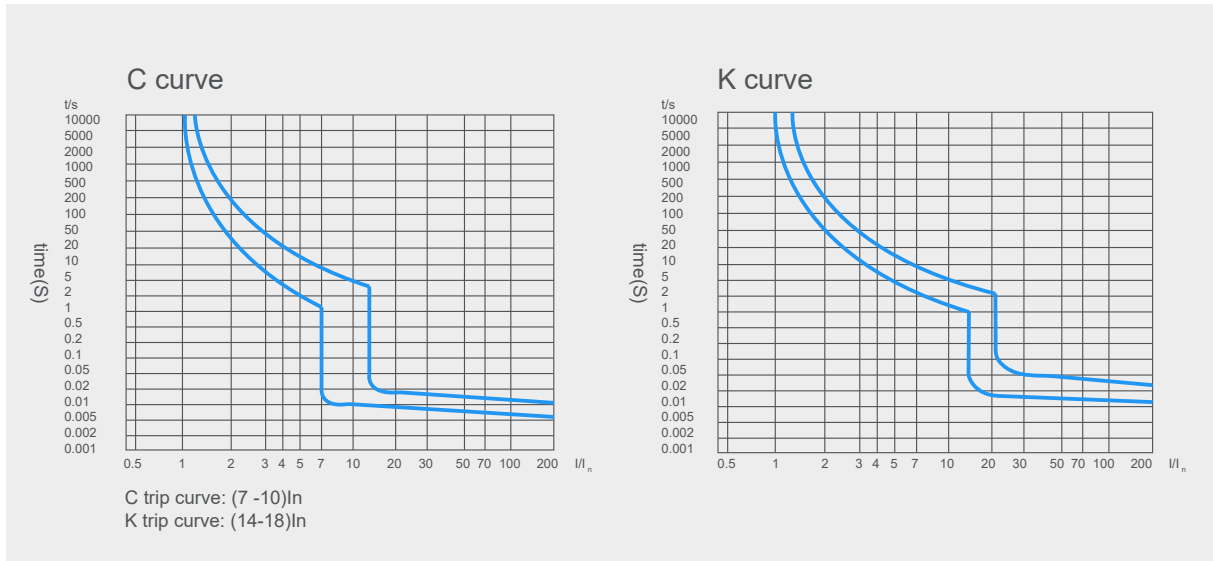
Item / 项目	Description / 描述
Poles / 极数	1P / 2P / 3P / 4P
Operating Temp. / 工作温度	-25~+70°C (ref. 30°C)
Storage Temp. / 存储温度	-40~+85°C
Degree of Protection / 防护等级	IP40 (modular enclosure)
Tropicalization / 抗湿热	95%RH at 55°C (IEC 60068-2)
Connection / 接线方式	Bottom, in and out on same side
Conductor Cross-section / 导线截面积	1~25mm² rigid, 1~16mm² flexible
Terminal Screw Torque / 端子螺钉扭矩	2.5N·m
Weight / 重量	1P: 120g, 2P: 240g, 3P: 360g, 4P: 480g
Position Contact Indication / 位置触点指示	Yes (IEC/EN 60947-2)
Suitability for Isolation / 隔离适用性	Yes (green strip indication)

ORDER INFORMATION / 订购信息

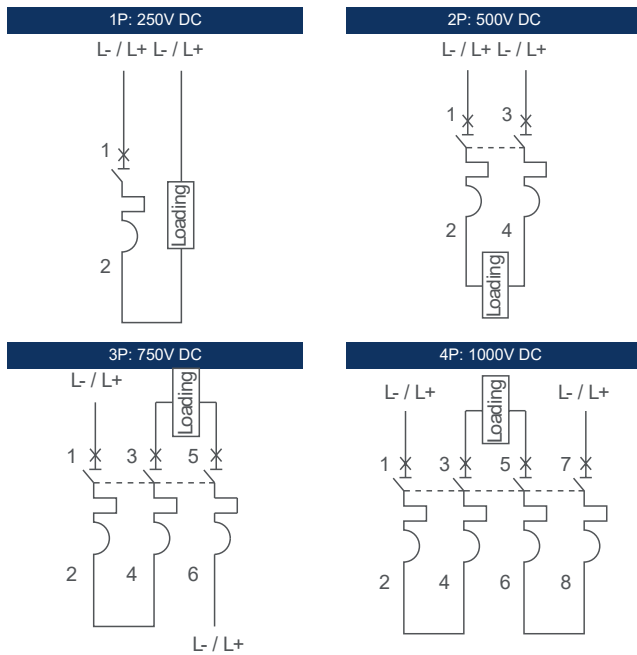
MODEL	POLES	VOLTAGE	CURRENT	Ics
LKXX-D8/1P	1P	250VDC	1~63A	10kA
LKXX-D8/2P	2P	500VDC	1~63A	10kA
LKXX-D8/3P	3P	750VDC	1~63A	10kA
LKXX-D8/4P	4P	1000VDC	1~63A	10kA

LKXX-63DC DC MCB 63A 1000V

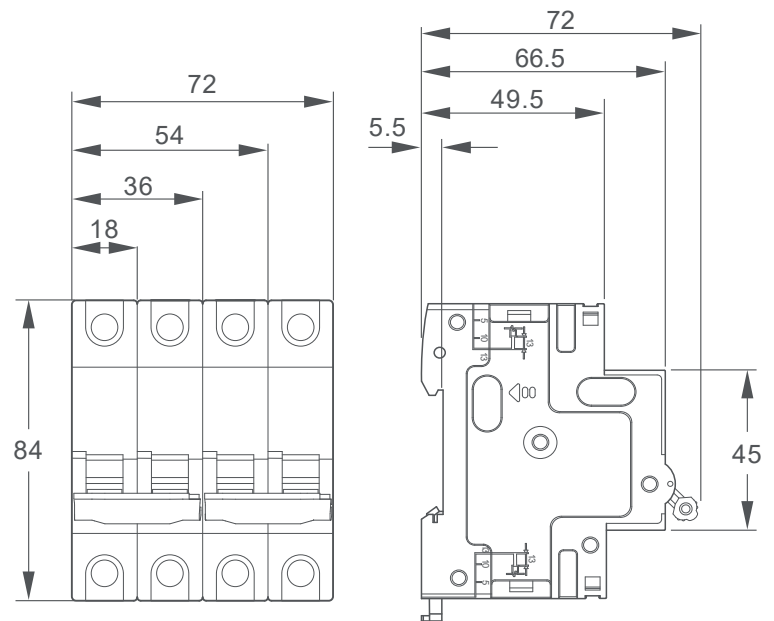
Curve/曲线



Diagrams/接线图

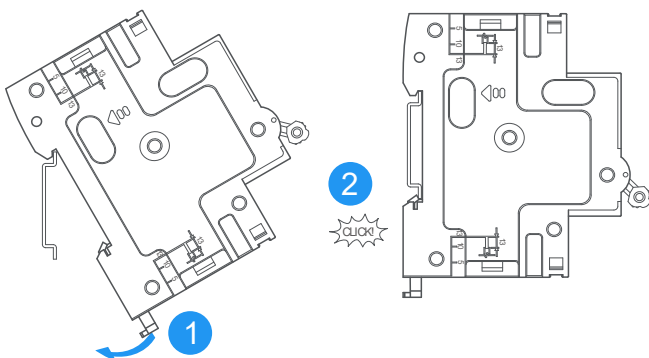


Dimensions/尺寸图 (mm)



Installation/安装

Installation/安装



Removal/拆除

