

AC Surge Protective Devices

交流浪涌保护器



D3 Model



D4 Model



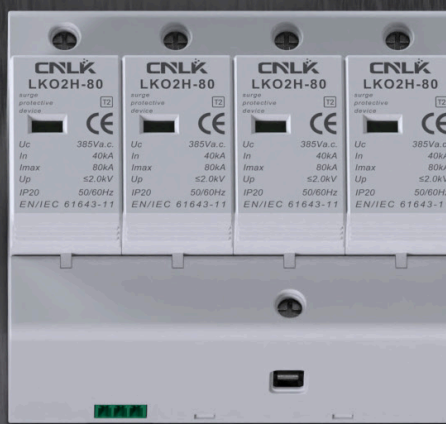
D6 Model



O2 Model



HF Model



O2H Model

TYPE1+2 AC LKD4-12.5



可选模型

D6 Model

D4 Model

D3 Model

O2 Model

HF Model

O2H Model

LKD4-12.5是一款Type1+2级交流浪涌保护器, 专为建筑总配电系统设计。其冲击放电电流达12.5kA, 最大放电电流可达60kA, 电压保护水平低至1.5kV, 响应时间 $\leq 25\text{ns}$ 。适用于TT/TN-S系统, 为电力系统提供可靠的雷电防护。

The LKD4- is a Type 1+2 AC surge protection device designed for building main distribution systems. With an impulse discharge current of 12.5kA, maximum discharge current up to 60kA, voltage protection level as low as 1.5kV, and response time $\leq 25\text{ns}$. Suitable for TT/TN-S systems, providing reliable lightning protection for power systems.

- Type 1+2 AC surge protection device
- 1+2型交流浪涌保护装置
- Impulse/maximum discharge current [Iimp/ Imax]:12.5kA / 50kA
- 脉冲/最大放电电流 [Iimp/Imax]: 12.5kA / 50kA
- Varistor voltage limiting technology, low residual voltage design
- 压敏电阻限压技术, 低残余电压设计
- Pluggable design and internal thermal disconnection devices
- 可插拔式结构, 内置热脱扣装置
- Operating /fault indication, optional remote signal
- 具备运行/故障指示功能, 可选远程信号输出
- Conform to IEC 61643-11, EN 61643-11, GB/T 18802.11
- 符合IEC 61643-11、EN 61643-11、GB/T 18802.11标准

LK XX - 12.5 - XXX - R

1 2 3 4

1 Model/模型

2 Iimp/冲击放电电流

3 Maximum Continuous Operating Voltage/最大持续工作电压

4 Remote Signal(Optional)/远程信号 (可选)

TECHNOLOGY PARAMETER / 技术参数

Model / 型号	Sym	LKD4-12.5-275	LKD4-12.5-320	LKD4-12.5-385	LKD4-12.5-440
AC Operating Voltage / 交流工作电压	[Un]	230Vac	230Vac	230Vac	230Vac
Max. Continuous Operating Voltage / 最大持续工作电压	[Uc]	275Vac	320Vac	385Vac	440Vac
TOV-5s / 暂态过电压5s	[Ut]	335Vac	335Vac	500Vac	580Vac
TOV-120min / 暂态过电压120min	[Ut]	440Vac	440Vac	650Vac	770Vac
Nominal Discharge Current [8/20us] / 标称放电电流	[In]	20kA(30kA)	20kA(30kA)	20kA(30kA)	20kA(30kA)
Max. Discharge Current [8/20us] / 最大放电电流	[Imax]	50kA(60kA)	50kA(60kA)	50kA(60kA)	50kA(60kA)
Impulse Discharge Current [10/350us] / 冲击放电电流	[Iimp]	12.5kA	12.5kA	9kA	9kA
Voltage Protection Level / 电压保护水平	[Up]	$\leq 1.5\text{kV}$	$\leq 1.6\text{kV}$	$\leq 1.8\text{kV}$	$\leq 2.0\text{kV}$
Short-circuit Current Rating / 短路耐受电流	[Iscrr]	25kA	25kA	25kA	25kA
Response Time / 响应时间	[tA]	$\leq 25\text{ns}$	$\leq 25\text{ns}$	$\leq 25\text{ns}$	$\leq 25\text{ns}$
Max. Backup Fuse / 最大后备熔断器	[I]	160A~200A gG	160A~200A gG	160A~200A gG	160A~200A gG

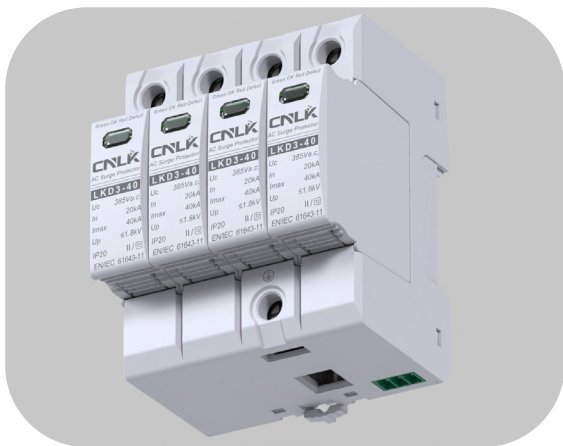
MECHANICAL DATA / 机械数据

Item / 项目	Description / 描述
Wiring Method / 接线方式	Screw terminal 2.5-25mm ²
Status Indication / 状态指示	Green(OK)/Red(Fault)
Remote Signal / 通信	Optional / 可选
Installation / 安装方式	35mm DIN rail / 35mm导轨
Operating Temp. / 工作温度	-40~+85°C
Protection Level / 防护等级	IP20
Enclosure Material / 外壳材料	UL94-V0

ORDER INFORMATION / 订购信息

MODEL	PROT.MODE	Iimp	Iimp TOTAL	Up(L-PE)	Up(N-PE)	Up(L-N)
LKD4-12.5-275/1+0	L/N-PE	12.5kA	12.5kA	$\leq 1.5\text{kV}$	/	$\leq 1.5\text{kV}$
LKD4-12.5-275/2+0	L,N-PE	12.5kA	25kA	$\leq 1.5\text{kV}$	/	$\leq 1.5\text{kV}$
LKD4-12.5-275/3+0	L-PE	12.5kA	37.5kA	$\leq 1.5\text{kV}$	/	$\leq 1.5\text{kV}$
LKD4-12.5-275/4+0	L,N-PE	12.5kA	50kA	$\leq 1.5\text{kV}$	/	$\leq 1.5\text{kV}$
LKD4-12.5-275/1+1	L-N,N-PE	12.5kA	12.5kA	/	$\leq 1.2\text{kV}$	$\leq 1.5\text{kV}$
LKD4-12.5-275/3+1	L-N,N-PE	12.5kA	12.5kA	$\leq 1.5\text{kV}$	$\leq 1.5\text{kV}$	$\leq 1.5\text{kV}$
LKD4-12.5-320/1+0	L/N-PE	12.5kA	12.5kA	$\leq 1.6\text{kV}$	/	$\leq 1.6\text{kV}$
LKD4-12.5-320/2+0	L,N-PE	12.5kA	25kA	$\leq 1.6\text{kV}$	/	$\leq 1.6\text{kV}$
LKD4-12.5-320/3+0	L-PE	12.5kA	37.5kA	$\leq 1.6\text{kV}$	/	$\leq 1.6\text{kV}$
LKD4-12.5-320/4+0	L,N-PE	12.5kA	50kA	$\leq 1.6\text{kV}$	/	$\leq 1.6\text{kV}$
LKD4-12.5-320/1+1	L-N,N-PE	12.5kA	12.5kA	/	$\leq 1.5\text{kV}$	$\leq 1.6\text{kV}$
LKD4-12.5-320/3+1	L-N,N-PE	12.5kA	12.5kA	$\leq 1.5\text{kV}$	$\leq 1.5\text{kV}$	$\leq 1.6\text{kV}$
LKD4-12.5-385/1+0	L/N-PE	9kA	9kA	$\leq 1.8\text{kV}$	/	$\leq 1.8\text{kV}$
LKD4-12.5-385/2+0	L,N-PE	9kA	18kA	$\leq 1.8\text{kV}$	/	$\leq 1.8\text{kV}$
LKD4-12.5-385/3+0	L-PE	9kA	27kA	$\leq 1.8\text{kV}$	/	$\leq 1.8\text{kV}$
LKD4-12.5-385/4+0	L,N-PE	9kA	36kA	$\leq 1.8\text{kV}$	/	$\leq 1.8\text{kV}$
LKD4-12.5-385/1+1	L-N,N-PE	9kA	9kA	/	$\leq 1.5\text{kV}$	$\leq 1.8\text{kV}$
LKD4-12.5-385/3+1	L-N,N-PE	9kA	9kA	$\leq 1.5\text{kV}$	$\leq 1.5\text{kV}$	$\leq 1.8\text{kV}$
LKD4-12.5-440/1+0	L/N-PE	9kA	9kA	$\leq 2.0\text{kV}$	/	$\leq 1.6\text{kV}$
LKD4-12.5-440/2+0	L,N-PE	9kA	18kA	$\leq 2.0\text{kV}$	/	$\leq 1.6\text{kV}$
LKD4-12.5-440/3+0	L-PE	9kA	27kA	$\leq 2.0\text{kV}$	/	$\leq 1.6\text{kV}$
LKD4-12.5-440/4+0	L,N-PE	9kA	36kA	$\leq 2.0\text{kV}$	/	$\leq 1.6\text{kV}$
LKD4-12.5-440/1+1	L-N,N-PE	9kA	9kA	/	$\leq 1.5\text{kV}$	$\leq 1.6\text{kV}$
LKD4-12.5-440/3+1	L-N,N-PE	9kA	9kA	$\leq 1.5\text{kV}$	$\leq 1.5\text{kV}$	$\leq 1.6\text{kV}$

TYPE1+2 AC LKXX-7



可选模型

D6 Model



O2 Model



D4 Model

HF Model

D3 Model

O2H Model

LKXX-7是一款紧凑型Type1+2交流浪涌保护器,标称放电电流20kA,最大放电电流50kA。采用35mm导轨安装,具备状态指示和遥信功能,适用于各类低压配电系统的雷电防护。

The LKXX7 is a compact Type 1+2 AC surge protection device with nominal discharge current of 20kA and maximum discharge current of 50kA. Features 35mm DIN rail mounting, status indication, and remote signaling. Suitable for lightning protection of various LV distribution systems.

- Type1+2 AC surge protection device
- Type1+2 AC浪涌保护装置
- Impulse/maximum discharge current [Iimp/Imax]:7kA/50kA
- 脉冲/最大放电电流 [Iimp/Imax]: 7kA/50kA
- Varistor voltage limiting technology, low residual voltage design
- 压敏电阻限压技术, 低残余电压设计
- Pluggable design and internal thermal disconnection devices
- 可插拔式设计, 内置热脱扣装置
- Operating /fault indication,optional remote signal
- 运行/故障指示, 可选远程信号输出
- Conform to IEC 61643-11,EN 61643-11,GB/T 18802.11,VDE 0675-6-11
- 符合IEC 61643-11、EN 61643-11、GB/T 18802.11、VDE 0675-6-11标准

TECHNOLOGY PARAMETER / 技术参数

Model / 型号	Sym	LKXX-7-275	LKXX-7-320	LKXX-7-385	LKXX-7-440
AC Operating Voltage / 交流工作电压	[Un]	230Vac	230Vac	230Vac	230Vac
Max. Continuous Operating Voltage / 最大持续工作电压	[Uc]	275Vac	320Vac	385Vac	440Vac
TOV-5s / 暂态过电压5s	[Ut]	335Vac	335Vac	500Vac	580Vac
TOV-120min / 暂态过电压120min	[Ut]	440Vac	440Vac	650Vac	770Vac
Nominal Discharge Current [8/20us] / 标称放电电流	[In]	20kA	20kA	20kA	20kA
Max. Discharge Current [8/20us] / 最大放电电流	[Imax]	50kA	50kA	50kA	50kA
Impulse Discharge Current [10/350us] / 冲击放电电流	[Iimp]	7kA	7kA	6.25kA	6.25kA
Voltage Protection Level / 电压保护水平	[Up]	≤1.5kV	≤1.6kV	≤1.8kV	≤2.0kV
Short-circuit Current Rating / 短路耐受电流	[Iscrr]	25kA	25kA	25kA	25kA
Response Time / 响应时间	[tA]	≤25ns	≤25ns	≤25ns	≤25ns
Max. Backup Fuse / 最大后备熔断器	[I]	125A gG	125A gG	125A gG	125A gG

MECHANICAL DATA / 机械数据

Item / 项目	Description / 描述
Wiring Method / 接线方式	Screw terminal 2.5-25mm ²
Status Indication / 状态指示	Green(OK)/Red(Fault)
Remote Signal / 遥信	Optional / 可选
Installation / 安装方式	35mm DIN rail / 35mm导轨
Operating Temp. / 工作温度	-40~+85°C
Protection Level / 防护等级	IP20
Enclosure Material / 外壳材料	UL94-V0

ORDER INFORMATION / 订购信息

MODEL	PROT.MODE	Iimp	Iimp TOTAL	Up(L-PE)	Up(N-PE)	Up(L-N)
LKXX-7-275/1+0	L/N-PE	7kA	7kA	≤1.5kV	/	≤1.5kV
LKXX-7-275/2+0	L,N-PE	7kA	14kA	≤1.5kV	/	≤1.5kV
LKXX-7-275/3+0	L-PE	7kA	21kA	≤1.5kV	/	≤1.5kV
LKXX-7-275/4+0	L,N-PE	7kA	28kA	≤1.5kV	/	≤1.5kV
LKXX-7-275/1+1	L-N,N-PE	7kA	7kA	/	≤1.5kV	≤1.5kV
LKXX-7-275/3+1	L-N,N-PE	7kA	7kA	≤1.5kV	≤1.5kV	≤1.5kV
LKXX-7-320/1+0	L/N-PE	7kA	7kA	≤1.6kV	/	≤1.6kV
LKXX-7-320/2+0	L,N-PE	7kA	14kA	≤1.6kV	/	≤1.6kV
LKXX-7-320/3+0	L-PE	7kA	21kA	≤1.6kV	/	≤1.6kV
LKXX-7-320/4+0	L,N-PE	7kA	28kA	≤1.6kV	/	≤1.6kV
LKXX-7-320/1+1	L-N,N-PE	7kA	7kA	/	≤1.6kV	≤1.6kV
LKXX-7-320/3+1	L-N,N-PE	7kA	7kA	≤1.6kV	≤1.6kV	≤1.6kV
LKXX-7-385/1+0	L/N-PE	6.25kA	6.25kA	≤1.8kV	/	≤1.8kV
LKXX-7-385/2+0	L,N-PE	6.25kA	12.5kA	≤1.8kV	/	≤1.8kV
LKXX-7-385/3+0	L-PE	6.25kA	18.75kA	≤1.8kV	/	≤1.8kV
LKXX-7-385/4+0	L,N-PE	6.25kA	25kA	≤1.8kV	/	≤1.8kV
LKXX-7-385/1+1	L-N,N-PE	6.25kA	6.25kA	/	≤1.8kV	≤1.8kV
LKXX-7-385/3+1	L-N,N-PE	6.25kA	6.25kA	≤1.8kV	≤1.8kV	≤1.8kV
LKXX-7-440/1+0	L/N-PE	6.25kA	6.25kA	≤2.0kV	/	≤2.0kV
LKXX-7-440/2+0	L,N-PE	6.25kA	12.5kA	≤2.0kV	/	≤2.0kV
LKXX-7-440/3+0	L-PE	6.25kA	18.75kA	≤2.0kV	/	≤2.0kV
LKXX-7-440/4+0	L,N-PE	6.25kA	25kA	≤2.0kV	/	≤2.0kV
LKXX-7-440/1+1	L-N,N-PE	6.25kA	6.25kA	/	≤2.0kV	≤2.0kV
LKXX-7-440/3+1	L-N,N-PE	6.25kA	6.25kA	≤2.0kV	≤2.0kV	≤2.0kV

TYPE2 AC LKXX-60



可选模型

D6 Model



O2 Model



D4 Model

HF Model

D3 Model

O2H Model

LKXX-60是一款高性能Type2交流浪涌保护器,标称放电电流30kA,最大放电电流可达60kA。电压保护水平 $\leq 2.4\text{kV}$,短路耐受电流25kA,适用于配电箱和楼层配电系统的二级防护。

The LKXX-60 is a high-performance Type 2 AC surge protection device with nominal discharge current of 30kA and maximum discharge current up to 60kA. Features voltage protection level $\leq 2.4\text{kV}$, short-circuit current rating 25kA. Suitable for secondary protection in distribution panels and floor distribution systems.

- Type2 AC surge protection device
Type2交流浪涌保护装置
- Nominal maximum discharge Current [In/Imax] :30kA/60kA
标称最大放电电流 [In/Imax]: 30kA/60kA
- Varistor voltage limiting technology, low residual voltage design
采用压敏电阻限压技术,低残余电压设计
- Pluggable design and internal thermal disconnection devices
可插拔式结构,内置热脱扣装置
- Operating /fault indication,optional remote signal
具备运行/故障指示功能,可选配远程信号输出
- Conform to IEC 61643-11,EN 61643-11,GB/T 18802.11
符合IEC 61643-11、EN 61643-11、GB/T 18802.11标准

LK	XX	-	60	-	XXX	-	R
	1		2		3		4

1 Model/模型

2 Imax/最大放电电流

3 Maximum Continuous Operating Voltage/最大持续工作电压

4 Remote Signal(Optional)/远程信号 (可选)

TECHNOLOGY PARAMETER / 技术参数

Model / 型号	Sym	LKXX-60-275	LKXX-60-320	LKXX-60-385	LKXX-60-440
AC Operating Voltage / 交流工作电压	[Un]	230Vac	230Vac	230Vac	230Vac
Max. Continuous Operating Voltage / 最大持续工作电压	[Uc]	275Vac	320Vac	385Vac	440Vac
TOV-5s / 暂态过电压5s	[Ut]	335Vac	335Vac	500Vac	580Vac
TOV-120min / 暂态过电压120min	[Ut]	440Vac	440Vac	650Vac	770Vac
Nominal Discharge Current [8/20us] / 标称放电电流	[In]	30kA	30kA	30kA	30kA
Max. Discharge Current [8/20us] / 最大放电电流	[Imax]	60kA	60kA	60kA	60kA
Voltage Protection Level / 电压保护水平	[Up]	$\leq 1.8\text{kV}$	$\leq 2.0\text{kV}$	$\leq 2.2\text{kV}$	$\leq 2.4\text{kV}$
Short-circuit Current Rating / 短路耐受电流	[Iscrr]	25kA	25kA	25kA	25kA
Response Time / 响应时间	[tA]	$\leq 25\text{ns}$	$\leq 25\text{ns}$	$\leq 25\text{ns}$	$\leq 25\text{ns}$
Max. Backup Fuse / 最大后备熔断器	[I]	100A gG	100A gG	100A gG	100A gG

MECHANICAL DATA / 机械数据

Item / 项目	Description / 描述
Wiring Method / 接线方式	Screw terminal 2.5-25mm ²
Status Indication / 状态指示	Green(OK)/Red(Fault)
Remote Signal / 遥信	Optional / 可选
Installation / 安装方式	35mm DIN rail / 35mm导轨
Operating Temp. / 工作温度	-40~+85°C
Protection Level / 防护等级	IP20
Enclosure Material / 外壳材料	UL94-V0

ORDER INFORMATION / 订购信息

MODEL	PROT.MODE	Iimp	Iimp TOTAL	Up(L-PE)	Up(N-PE)	Up(L-N)
LKXX-60-275/1+0	L/N-PE	30kA	30kA	$\leq 1.8\text{kV}$	/	$\leq 1.8\text{kV}$
LKXX-60-275/2+0	L,N-PE	30kA	60kA	$\leq 1.8\text{kV}$	/	$\leq 1.8\text{kV}$
LKXX-60-275/3+0	L-PE	30kA	90kA	$\leq 1.8\text{kV}$	/	$\leq 1.8\text{kV}$
LKXX-60-275/4+0	L,N-PE	30kA	120kA	$\leq 1.8\text{kV}$	/	$\leq 1.8\text{kV}$
LKXX-60-275/1+1	L,N,N-PE	30kA	30kA	/	$\leq 1.8\text{kV}$	$\leq 1.8\text{kV}$
LKXX-60-275/3+1	L,N,N-PE	30kA	30kA	$\leq 1.8\text{kV}$	$\leq 1.8\text{kV}$	$\leq 1.8\text{kV}$
LKXX-60-320/1+0	L/N-PE	30kA	30kA	$\leq 2.0\text{kV}$	/	$\leq 2.0\text{kV}$
LKXX-60-320/2+0	L,N-PE	30kA	60kA	$\leq 2.0\text{kV}$	/	$\leq 2.0\text{kV}$
LKXX-60-320/3+0	L-PE	30kA	90kA	$\leq 2.0\text{kV}$	/	$\leq 2.0\text{kV}$
LKXX-60-320/4+0	L,N-PE	30kA	120kA	$\leq 2.0\text{kV}$	/	$\leq 2.0\text{kV}$
LKXX-60-320/1+1	L,N,N-PE	30kA	30kA	/	$\leq 2.0\text{kV}$	$\leq 2.0\text{kV}$
LKXX-60-320/3+1	L,N,N-PE	30kA	30kA	$\leq 2.0\text{kV}$	$\leq 2.0\text{kV}$	$\leq 2.0\text{kV}$
LKXX-60-385/1+0	L/N-PE	30kA	30kA	$\leq 2.2\text{kV}$	/	$\leq 2.2\text{kV}$
LKXX-60-385/2+0	L,N-PE	30kA	60kA	$\leq 2.2\text{kV}$	/	$\leq 2.2\text{kV}$
LKXX-60-385/3+0	L-PE	30kA	90kA	$\leq 2.2\text{kV}$	/	$\leq 2.2\text{kV}$
LKXX-60-385/4+0	L,N-PE	30kA	120kA	$\leq 2.2\text{kV}$	/	$\leq 2.2\text{kV}$
LKXX-60-385/1+1	L,N,N-PE	30kA	30kA	/	$\leq 2.2\text{kV}$	$\leq 2.2\text{kV}$
LKXX-60-385/3+1	L,N,N-PE	30kA	30kA	$\leq 2.2\text{kV}$	$\leq 2.2\text{kV}$	$\leq 2.2\text{kV}$
LKXX-60-440/1+0	L/N-PE	30kA	30kA	$\leq 2.4\text{kV}$	/	$\leq 2.4\text{kV}$
LKXX-60-440/2+0	L,N-PE	30kA	60kA	$\leq 2.4\text{kV}$	/	$\leq 2.4\text{kV}$
LKXX-60-440/3+0	L-PE	30kA	90kA	$\leq 2.4\text{kV}$	/	$\leq 2.4\text{kV}$
LKXX-60-440/4+0	L,N-PE	30kA	120kA	$\leq 2.4\text{kV}$	/	$\leq 2.4\text{kV}$
LKXX-60-440/1+1	L,N,N-PE	30kA	30kA	/	$\leq 2.4\text{kV}$	$\leq 2.4\text{kV}$
LKXX-60-440/3+1	L,N,N-PE	30kA	30kA	$\leq 2.4\text{kV}$	$\leq 2.4\text{kV}$	$\leq 2.4\text{kV}$

TYPE2 AC LKXX-40



可选模型

D6 Model



O2 Model



D4 Model

HF Model

D3 Model

O2H Model

LKXX-40是一款经济型Type2交流浪涌保护器,标称放电电流20kA,最大放电电流40kA。电压保护水平 $\leq 2.0\text{kV}$,具备优异的TOV耐受能力,适用于商业和工业建筑的配电系统保护。

The LKXX-40 is a cost-effective Type 2 AC surge protection device with nominal discharge current of 20kA and maximum discharge current of 40kA. Features voltage protection level $\leq 2.0\text{kV}$ and excellent TOV withstand capability. Suitable for commercial and industrial building distribution system protection.

- Type2 AC surge protection device
Type2交流浪涌保护装置
- Nominal/maximum discharge Current [In/Imax] :20kA/40kA
额定/最大放电电流 [In/Imax]: 20kA/40kA
- Varistor voltage limiting technology, low residual voltage design
压敏电阻限压技术,低残余电压设计
- Pluggable design and internal thermal disconnection devices
可插拔式设计,内置热脱扣装置
- Operating/fault indication,optional remote signal
具备运行/故障指示功能,可选远程信号输出
- Conform to IEC 61643-11,EN 61643-11,GB/T 18802.11,VDE 0675-6-11
符合IEC 61643-11、EN 61643-11、GB/T 18802.11、VDE 0675-6-11标准

LK	XX	-	40	-	XXX	-	R
	1		2		3		4

1 Model/模型

2 Imax/最大放电电流

3 Maximum Continuous Operating Voltage/最大持续工作电压

4 Remote Signal(Optional)/远程信号 (可选)

TECHNOLOGY PARAMETER / 技术参数

Model / 型号	Sym	LKXX40-275	LKXX40-320	LKXX40-385	LKXX40-440
AC Operating Voltage / 交流工作电压	[Un]	230Vac	230Vac	230Vac	230Vac
Max. Continuous Operating Voltage / 最大持续工作电压	[Uc]	275Vac	320Vac	385Vac	440Vac
TOV-5s / 暂态过电压5s	[Ut]	335Vac	335Vac	500Vac	580Vac
TOV-120min / 暂态过电压120min	[Ut]	440Vac	440Vac	650Vac	770Vac
Nominal Discharge Current [8/20us] / 标称放电电流	[In]	20kA	20kA	20kA	20kA
Max. Discharge Current [8/20us] / 最大放电电流	[Imax]	40kA	40kA	40kA	40kA
Voltage Protection Level / 电压保护水平	[Up]	$\leq 1.5\text{kV}$	$\leq 1.6\text{kV}$	$\leq 1.8\text{kV}$	$\leq 2.0\text{kV}$
Short-circuit Current Rating / 短路耐受电流	[Iscrr]	25kA	25kA	25kA	25kA
Response Time / 响应时间	[tA]	$\leq 25\text{ns}$	$\leq 25\text{ns}$	$\leq 25\text{ns}$	$\leq 25\text{ns}$
Max. Backup Fuse / 最大后备熔断器	[I]	63A gL/gG	63A gL/gG	63A gL/gG	63A gL/gG

MECHANICAL DATA / 机械数据

Item / 项目	Description / 描述
Wiring Method / 接线方式	Screw terminal 2.5-25mm ²
Status Indication / 状态指示	Green(OK)/Red(Fault)
Remote Signal / 遥信	Optional / 可选
Installation / 安装方式	35mm DIN rail / 35mm导轨
Operating Temp. / 工作温度	-40~+85°C
Protection Level / 防护等级	IP20
Enclosure Material / 外壳材料	UL94-V0

ORDER INFORMATION / 订购信息

MODEL	PROT.MODE	Iimp	Iimp TOTAL	Up(L-PE)	Up(N-PE)	Up(L-N)
LKXX40-275/1+0	L/N-PE	20kA	20kA	$\leq 1.5\text{kV}$	/	$\leq 1.5\text{kV}$
LKXX40-275/2+0	L,N-PE	20kA	40kA	$\leq 1.5\text{kV}$	/	$\leq 1.5\text{kV}$
LKXX40-275/3+0	L-PE	20kA	60kA	$\leq 1.5\text{kV}$	/	$\leq 1.5\text{kV}$
LKXX40-275/4+0	L,N-PE	20kA	80kA	$\leq 1.5\text{kV}$	/	$\leq 1.5\text{kV}$
LKXX40-275/1+1	L-N,N-PE	20kA	20kA	/	$\leq 1.5\text{kV}$	$\leq 1.5\text{kV}$
LKXX40-275/3+1	L-N,N-PE	20kA	20kA	$\leq 1.5\text{kV}$	$\leq 1.5\text{kV}$	$\leq 1.5\text{kV}$
LKXX40-320/1+0	L/N-PE	20kA	20kA	$\leq 1.6\text{kV}$	/	$\leq 1.6\text{kV}$
LKXX40-320/2+0	L,N-PE	20kA	40kA	$\leq 1.6\text{kV}$	/	$\leq 1.6\text{kV}$
LKXX40-320/3+0	L-PE	20kA	60kA	$\leq 1.6\text{kV}$	/	$\leq 1.6\text{kV}$
LKXX40-320/4+0	L,N-PE	20kA	80kA	$\leq 1.6\text{kV}$	/	$\leq 1.6\text{kV}$
LKXX40-320/1+1	L-N,N-PE	20kA	20kA	/	$\leq 1.6\text{kV}$	$\leq 1.6\text{kV}$
LKXX40-320/3+1	L-N,N-PE	20kA	20kA	$\leq 1.6\text{kV}$	$\leq 1.6\text{kV}$	$\leq 1.6\text{kV}$
LKXX40-385/1+0	L/N-PE	20kA	20kA	$\leq 1.8\text{kV}$	/	$\leq 1.8\text{kV}$
LKXX40-385/2+0	L,N-PE	20kA	40kA	$\leq 1.8\text{kV}$	/	$\leq 1.8\text{kV}$
LKXX40-385/3+0	L-PE	20kA	60kA	$\leq 1.8\text{kV}$	/	$\leq 1.8\text{kV}$
LKXX40-385/4+0	L,N-PE	20kA	80kA	$\leq 1.8\text{kV}$	/	$\leq 1.8\text{kV}$
LKXX40-385/1+1	L-N,N-PE	20kA	20kA	/	$\leq 1.8\text{kV}$	$\leq 1.8\text{kV}$
LKXX40-385/3+1	L-N,N-PE	20kA	20kA	$\leq 1.8\text{kV}$	$\leq 1.8\text{kV}$	$\leq 1.8\text{kV}$
LKXX40-440/1+0	L/N-PE	20kA	20kA	$\leq 2.0\text{kV}$	/	$\leq 2.0\text{kV}$
LKXX40-440/2+0	L,N-PE	20kA	40kA	$\leq 2.0\text{kV}$	/	$\leq 2.0\text{kV}$
LKXX40-440/3+0	L-PE	20kA	60kA	$\leq 2.0\text{kV}$	/	$\leq 2.0\text{kV}$
LKXX40-440/4+0	L,N-PE	20kA	80kA	$\leq 2.0\text{kV}$	/	$\leq 2.0\text{kV}$
LKXX40-440/1+1	L-N,N-PE	20kA	20kA	/	$\leq 2.0\text{kV}$	$\leq 2.0\text{kV}$
LKXX40-440/3+1	L-N,N-PE	20kA	20kA	$\leq 2.0\text{kV}$	$\leq 2.0\text{kV}$	$\leq 2.0\text{kV}$

TYPE2+3 AC LKXX-20



可选模型

D6 Model



O2 Model



D4 Model

HF Model

D3 Model



O2H Model

LKXX-20是一款精密型Type2+3交流浪涌保护器,标称放电电流10kA,最大放电电流20kA。电压保护水平 $\leq 1.6\text{kV}$,响应时间 $\leq 25\text{ns}$,适用于敏感电子设备的末端精细保护。

The LKXX-20 is a precision Type 2+3 AC surge protection device with nominal discharge current of 10kA and maximum discharge current of 20kA. Features voltage protection level $\leq 1.6\text{kV}$ and response time $\leq 25\text{ns}$. Suitable for fine protection of sensitive electronic equipment at the end.

- Type2+3 AC surge protection device
Type2+3交流浪涌保护装置
- Nominal/maximum discharge Current [In/Imax]:10kA/20kA
额定/最大放电电流 [In/Imax]: 10kA/20kA
- Varistor voltage limiting technology, low residual voltage design
压敏电阻限压技术, 低残余电压设计
- Pluggable design and internal thermal disconnection devices
可插拔式设计, 内置热脱扣装置
- Operating /fault indication,optional remote signal
具备运行/故障指示功能, 可选远程信号输出
- Conform to IEC 61643-11,EN 61643-11,GB/T 18802.11
符合IEC 61643-11、EN 61643-11、GB/T 18802.11标准

LK	XX	-	20	-	XXX	-	R
	1		2		3		4
1 Model/模型		2 Imax/最大放电电流		3 Maximum Continuous Operating Voltage/最大持续工作电压		4 Remote Signal(Optional)/远程信号 (可选)	

TECHNOLOGY PARAMETER / 技术参数

Model / 型号	Sym	LKXX20-275	LKXX20-320	LKXX20-385	LKXX20-420
AC Operating Voltage / 交流工作电压	[Un]	230Vac	230Vac	230Vac	230Vac
Max. Continuous Operating Voltage / 最大持续工作电压	[Uc]	275Vac	320Vac	385Vac	420Vac
TOV-5s / 暂态过电压5s	[Ut]	335Vac	335Vac	500Vac	580Vac
TOV-120min / 暂态过电压120min	[Ut]	440Vac	440Vac	650Vac	770Vac
Nominal Discharge Current [8/20us] / 标称放电电流	[In]	10kA	10kA	10kA	10kA
Max. Discharge Current [8/20us] / 最大放电电流	[Imax]	20kA	20kA	20kA	20kA
Open Circuit Voltage / 开路电压	[Uoc]	6kV	6kV	6kV	6kV
Voltage Protection Level / 电压保护水平	[Up]	$\leq 1.2\text{kV}$	$\leq 1.3\text{kV}$	$\leq 1.5\text{kV}$	$\leq 1.6\text{kV}$
Short-circuit Current Rating / 短路耐受电流	[Iscrr]	25kA	25kA	25kA	25kA
Response Time / 响应时间	[tA]	$\leq 25\text{ns}$	$\leq 25\text{ns}$	$\leq 25\text{ns}$	$\leq 25\text{ns}$
Max. Backup Fuse / 最大后备熔断器	[I]	32A gG	32A gG	32A gG	32A gG

MECHANICAL DATA / 机械数据

Item / 项目	Description / 描述
Wiring Method / 接线方式	Screw terminal 2.5-25mm ²
Status Indication / 状态指示	Green(OK)/Red(Fault)
Remote Signal / 通信	Optional / 可选
Installation / 安装方式	35mm DIN rail / 35mm导轨
Operating Temp. / 工作温度	-40~+85°C
Protection Level / 防护等级	IP20
Enclosure Material / 外壳材料	UL94-V0

ORDER INFORMATION / 订购信息

MODEL	PROT.MODE	Iimp	Iimp TOTAL	Up(L-PE)	Up(N-PE)	Up(L-N)
LKXX20-275/1+0	L/N-PE	10kA	10kA	$\leq 1.2\text{kV}$	/	$\leq 1.2\text{kV}$
LKXX20-275/2+0	L,N-PE	10kA	20kA	$\leq 1.2\text{kV}$	/	$\leq 1.2\text{kV}$
LKXX20-275/3+0	L-PE	10kA	30kA	$\leq 1.2\text{kV}$	/	$\leq 1.2\text{kV}$
LKXX20-275/4+0	L,N-PE	10kA	40kA	$\leq 1.2\text{kV}$	/	$\leq 1.2\text{kV}$
LKXX20-275/1+1	L-N,N-PE	10kA	10kA	/	$\leq 1.2\text{kV}$	$\leq 1.2\text{kV}$
LKXX20-275/3+1	L-N,N-PE	10kA	10kA	$\leq 1.2\text{kV}$	$\leq 1.2\text{kV}$	$\leq 1.2\text{kV}$
LKXX20-320/1+0	L/N-PE	10kA	10kA	$\leq 1.3\text{kV}$	/	$\leq 1.3\text{kV}$
LKXX20-320/2+0	L,N-PE	10kA	20kA	$\leq 1.3\text{kV}$	/	$\leq 1.3\text{kV}$
LKXX20-320/3+0	L-PE	10kA	30kA	$\leq 1.3\text{kV}$	/	$\leq 1.3\text{kV}$
LKXX20-320/4+0	L,N-PE	10kA	40kA	$\leq 1.3\text{kV}$	/	$\leq 1.3\text{kV}$
LKXX20-320/1+1	L-N,N-PE	10kA	10kA	/	$\leq 1.3\text{kV}$	$\leq 1.3\text{kV}$
LKXX20-320/3+1	L-N,N-PE	10kA	10kA	$\leq 1.3\text{kV}$	$\leq 1.3\text{kV}$	$\leq 1.3\text{kV}$
LKXX20-385/1+0	L/N-PE	10kA	10kA	$\leq 1.5\text{kV}$	/	$\leq 1.5\text{kV}$
LKXX20-385/2+0	L,N-PE	10kA	20kA	$\leq 1.5\text{kV}$	/	$\leq 1.5\text{kV}$
LKXX20-385/3+0	L-PE	10kA	30kA	$\leq 1.5\text{kV}$	/	$\leq 1.5\text{kV}$
LKXX20-385/4+0	L,N-PE	10kA	40kA	$\leq 1.5\text{kV}$	/	$\leq 1.5\text{kV}$
LKXX20-385/1+1	L-N,N-PE	10kA	10kA	/	$\leq 1.5\text{kV}$	$\leq 1.5\text{kV}$
LKXX20-385/3+1	L-N,N-PE	10kA	10kA	$\leq 1.5\text{kV}$	$\leq 1.5\text{kV}$	$\leq 1.5\text{kV}$
LKXX20-420/1+0	L/N-PE	10kA	10kA	$\leq 1.6\text{kV}$	/	$\leq 1.6\text{kV}$
LKXX20-420/2+0	L,N-PE	10kA	20kA	$\leq 1.6\text{kV}$	/	$\leq 1.6\text{kV}$
LKXX20-420/3+0	L-PE	10kA	30kA	$\leq 1.6\text{kV}$	/	$\leq 1.6\text{kV}$
LKXX20-420/4+0	L,N-PE	10kA	40kA	$\leq 1.6\text{kV}$	/	$\leq 1.6\text{kV}$
LKXX20-420/1+1	L-N,N-PE	10kA	10kA	/	$\leq 1.6\text{kV}$	$\leq 1.6\text{kV}$
LKXX20-420/3+1	L-N,N-PE	10kA	10kA	$\leq 1.6\text{kV}$	$\leq 1.6\text{kV}$	$\leq 1.6\text{kV}$

TYPE2 AC LKXX-80



可选模型

D6 Model

D4 Model

D3 Model

O2 Model

HF Model

O2H Model

LKXX-80是一款大流量Type2交流浪涌保护器,标称放电电流40kA,最大放电电流80kA,电压保护水平 $\leq 1.8\text{kV}$,响应时间 $\leq 25\text{ns}$,适用于建筑物配电系统第二级雷电防护。

The LKXX-80 is a high-capacity Type 2 AC surge protection device with nominal discharge current of 40kA and maximum discharge current of 80kA. Features voltage protection level $\leq 1.8\text{kV}$ and response time $\leq 25\text{ns}$. Suitable for secondary lightning protection in building distribution systems.

- Type2 AC surge protection device
Type2交流浪涌保护装置
- Nominal/maximum discharge current [In/Imax]: 40kA/80kA
额定/最大放电电流 [In/Imax]: 40kA/80kA
- Varistor voltage limiting technology, low residual voltage design
压敏电阻限压技术,低残余电压设计
- Pluggable design and internal thermal disconnection devices
可插拔式设计,内置热脱扣装置
- Operating/fault indication, optional remote signal
具备运行/故障指示功能,可选远程信号输出
- Conform to IEC 61643-11, EN 61643-11, GB/T 18802.11
符合IEC 61643-11、EN 61643-11、GB/T 18802.11标准

LK	XX	-	80	-	XXX	-	R
	1		2		3		4

1 Model/模型

2 Imax/最大放电电流

3 Maximum Continuous Operating Voltage/最大持续工作电压

4 Remote Signal(Optional)/远程信号 (可选)

TECHNOLOGY PARAMETER / 技术参数

Model / 型号	Sym	LKXX80-275	LKXX80-320	LKXX80-385	LKXX80-440
AC Operating Voltage / 交流工作电压	[Un]	230Vac	230Vac	230Vac	230Vac
Max. Continuous Operating Voltage / 最大持续工作电压	[Uc]	275Vac	320Vac	385Vac	440Vac
TOV-5s / 暂态过电压5s	[Ut]	335Vac	335Vac	500Vac	580Vac
TOV-120min / 暂态过电压120min	[Ut]	440Vac	440Vac	650Vac	770Vac
Nominal Discharge Current [8/20us] / 标称放电电流	[In]	40kA	40kA	40kA	40kA
Max. Discharge Current [8/20us] / 最大放电电流	[Imax]	80kA	80kA	80kA	80kA
Voltage Protection Level / 电压保护水平	[Up]	$\leq 1.8\text{kV}$	$\leq 2.0\text{kV}$	$\leq 2.1\text{kV}$	$\leq 2.5\text{kV}$
Short-circuit Current Rating / 短路耐受电流	[Iscrr]	25kA	25kA	25kA	25kA
Response Time / 响应时间	[tA]	$\leq 25\text{ns}$	$\leq 25\text{ns}$	$\leq 25\text{ns}$	$\leq 25\text{ns}$
Max. Backup Fuse / 最大后备熔断器	[I]	125A gG	125A gG	125A gG	125A gG

MECHANICAL DATA / 机械数据

Item / 项目	Description / 描述
Wiring Method / 接线方式	Screw terminal 2.5-25mm ²
Status Indication / 状态指示	Green(OK)/Red(Fault)
Remote Signal / 通信	Optional / 可选
Installation / 安装方式	35mm DIN rail / 35mm导轨
Operating Temp. / 工作温度	-40~+85°C
Protection Level / 防护等级	IP20
Enclosure Material / 外壳材料	UL94-V0

ORDER INFORMATION / 订购信息

MODEL	PROT.MODE	Iimp	Iimp TOTAL	Up(L-PE)	Up(N-PE)	Up(L-N)
LKXX80-275/1+0	L/N→PE	40kA	40kA	$\leq 1.8\text{kV}$	/	$\leq 1.8\text{kV}$
LKXX80-275/2+0	L,N→PE	40kA	80kA	$\leq 1.8\text{kV}$	/	$\leq 1.8\text{kV}$
LKXX80-275/3+0	L→PE	40kA	120kA	$\leq 1.8\text{kV}$	/	$\leq 1.8\text{kV}$
LKXX80-275/4+0	L,N→PE	40kA	160kA	$\leq 1.8\text{kV}$	/	$\leq 1.8\text{kV}$
LKXX80-275/1+1	L→N,N→PE	40kA	40kA	/	$\leq 1.8\text{kV}$	$\leq 1.8\text{kV}$
LKXX80-275/3+1	L→N,N→PE	40kA	40kA	$\leq 1.8\text{kV}$	$\leq 1.8\text{kV}$	$\leq 1.8\text{kV}$
LKXX80-320/1+0	L/N→PE	40kA	40kA	$\leq 2.0\text{kV}$	/	$\leq 2.0\text{kV}$
LKXX80-320/2+0	L,N→PE	40kA	80kA	$\leq 2.0\text{kV}$	/	$\leq 2.0\text{kV}$
LKXX80-320/3+0	L→PE	40kA	120kA	$\leq 2.0\text{kV}$	/	$\leq 2.0\text{kV}$
LKXX80-320/4+0	L,N→PE	40kA	160kA	$\leq 2.0\text{kV}$	/	$\leq 2.0\text{kV}$
LKXX80-320/1+1	L→N,N→PE	40kA	40kA	/	$\leq 2.0\text{kV}$	$\leq 2.0\text{kV}$
LKXX80-320/3+1	L→N,N→PE	40kA	40kA	$\leq 2.0\text{kV}$	$\leq 2.0\text{kV}$	$\leq 2.0\text{kV}$
LKXX80-385/1+0	L/N→PE	40kA	40kA	$\leq 2.1\text{kV}$	/	$\leq 2.1\text{kV}$
LKXX80-385/2+0	L,N→PE	40kA	80kA	$\leq 2.1\text{kV}$	/	$\leq 2.1\text{kV}$
LKXX80-385/3+0	L→PE	40kA	120kA	$\leq 2.1\text{kV}$	/	$\leq 2.1\text{kV}$
LKXX80-385/4+0	L,N→PE	40kA	160kA	$\leq 2.1\text{kV}$	/	$\leq 2.1\text{kV}$
LKXX80-385/1+1	L→N,N→PE	40kA	40kA	/	$\leq 2.1\text{kV}$	$\leq 2.1\text{kV}$
LKXX80-385/3+1	L→N,N→PE	40kA	40kA	$\leq 2.1\text{kV}$	$\leq 2.1\text{kV}$	$\leq 2.1\text{kV}$
LKXX80-440/1+0	L/N→PE	40kA	40kA	$\leq 2.5\text{kV}$	/	$\leq 2.5\text{kV}$
LKXX80-440/2+0	L,N→PE	40kA	80kA	$\leq 2.5\text{kV}$	/	$\leq 2.5\text{kV}$
LKXX80-440/3+0	L→PE	40kA	120kA	$\leq 2.5\text{kV}$	/	$\leq 2.5\text{kV}$
LKXX80-440/4+0	L,N→PE	40kA	160kA	$\leq 2.5\text{kV}$	/	$\leq 2.5\text{kV}$
LKXX80-440/1+1	L→N,N→PE	40kA	40kA	/	$\leq 2.5\text{kV}$	$\leq 2.5\text{kV}$
LKXX80-440/3+1	L→N,N→PE	40kA	40kA	$\leq 2.5\text{kV}$	$\leq 2.5\text{kV}$	$\leq 2.5\text{kV}$

TYPE1 AC LKXX-25



可选模型

D6 Model

D4 Model

D3 Model

O2 Model

HF Model

O2H Model

LKXX-25系列采用多层石墨间隙技术,属于电压开关型浪涌保护器,通过Type1分类试验。具有无续流、无电弧外泄、通流量大、残压低、热稳定性好等优势,多次雷击后无性能劣化。

The LKXX-25 series adopts multi-layer graphite gap technology, a voltage-switch type SPD designed for Type1 test class. It features no follow current, no arc leakage, high discharge capacity, low residual voltage, and excellent thermal stability.

- Features: No follow current
无续流
- No arc leakage
无电弧外泄
- High impulse current 25kA(10/350us)
高冲击电流25kA(10/350μs)
- Low Up ≤2.0kV
低残压Up≤2.0kV
- Strong environmental adaptability
环境适应性强
- No degradation after repeated strikes
多次雷击无劣化

TECHNOLOGY PARAMETER / 技术参数

Model / 型号	Sym	LKXX25-275	LKXX25-320	LKXX25-385	LKXX25-440
AC Operating Voltage / 交流工作电压	[Un]	230Vac	230Vac	230Vac	230Vac
Maximum Continuous Operating Voltage / 最大持续工作电压	[Uc]	275Vac	320Vac	385Vac	440Vac
TOV-5s [Tolerance] / 暂态过电压5s	[Ut]	335Vac	335Vac	500Vac	580Vac
TOV-120min [Disconnection] / 暂态过电压120min	[Ut]	440Vac	440Vac	650Vac	770Vac
Nominal Discharge Current [8/20us] / 标称放电电流	[In]	25kA	25kA	25kA	25kA
Lightning Impulse Current [10/350us] / 冲击放电电流	[Iimp]	25kA	25kA	25kA	25kA
Voltage Protection Level / 电压保护水平	[Up]	≤2.0kV	≤2.0kV	≤2.0kV	≤2.0kV
Short-circuit Current Rating / 短路耐受电流	[Iscrr]	25kA	25kA	25kA	25kA
Heat Tripping Device / 热脱扣装置	□	Insertion	Insertion	Insertion	Insertion
Max. Backup Fuse / 最大后备熔断器	□	315A gG Fuse	315A gG Fuse	315A gG Fuse	315A gG Fuse

MECHANICAL DATA / 机械数据

Item / 项目	Description / 描述
Product Size / 产品尺寸	see the photo as below / 见下图
Wiring Method / 接线方式	Screw terminal 2.5-25mm ²
Normal/Fault Display / 状态指示	Unavailable / 无
Max Remote Signal Load / 最大遥信负载	250V/0.5A[AC], 30V/3A[DC]
Max Cross-section of Remote Signal / 遥信最大截面积	1.5mm ²
Installation / 安装方式	35mm DIN Rail / 35mm导轨
Operating Temp. / 工作温度	-40~+85°C
Protection Level / 防护等级	IP20
Enclosure Material / 外壳材料	Thermoplastic, UL94-V0 / 热塑性材料, UL94-V0

ORDER INFORMATION / 订购信息

MODEL	PROT.MODE	Iimp	Iimp TOTAL	Up(L-PE)	Up(N-PE)	Up(L-N)
LKXX25-275/1+0	L/N→PE	25kA	25kA	≤2.0kV	/	≤2.0kV
LKXX25-275/2+0	L,N→PE	25kA	50kA	≤2.0kV	/	≤2.0kV
LKXX25-275/3+0	L→PE	25kA	75kA	≤2.0kV	/	≤2.0kV
LKXX25-275/4+0	L,N→PE	25kA	100kA	≤2.0kV	/	≤2.0kV
LKXX25-275/1+1	L→N,N→PE	25kA	25kA	/	≤2.0kV	≤2.0kV
LKXX25-275/3+1	L→N,N→PE	25kA	25kA	≤2.0kV	≤2.0kV	≤2.0kV
LKXX25-320/1+0	L/N→PE	25kA	25kA	≤2.0kV	/	≤2.0kV
LKXX25-320/2+0	L,N→PE	25kA	50kA	≤2.0kV	/	≤2.0kV
LKXX25-320/3+0	L→PE	25kA	75kA	≤2.0kV	/	≤2.0kV
LKXX25-320/4+0	L,N→PE	25kA	100kA	≤2.0kV	/	≤2.0kV
LKXX25-320/1+1	L→N,N→PE	25kA	25kA	/	≤2.0kV	≤2.0kV
LKXX25-320/3+1	L→N,N→PE	25kA	25kA	≤2.0kV	≤2.0kV	≤2.0kV
LKXX25-385/1+0	L/N→PE	25kA	25kA	≤2.0kV	/	≤2.0kV
LKXX25-385/2+0	L,N→PE	25kA	50kA	≤2.0kV	/	≤2.0kV
LKXX25-385/3+0	L→PE	25kA	75kA	≤2.0kV	/	≤2.0kV
LKXX25-385/4+0	L,N→PE	25kA	100kA	≤2.0kV	/	≤2.0kV
LKXX25-385/1+1	L→N,N→PE	25kA	25kA	/	≤2.0kV	≤2.0kV
LKXX25-385/3+1	L→N,N→PE	25kA	25kA	≤2.0kV	≤2.0kV	≤2.0kV
LKXX25-440/1+0	L/N→PE	25kA	25kA	≤2.0kV	/	≤2.0kV
LKXX25-440/2+0	L,N→PE	25kA	50kA	≤2.0kV	/	≤2.0kV
LKXX25-440/3+0	L→PE	25kA	75kA	≤2.0kV	/	≤2.0kV
LKXX25-440/4+0	L,N→PE	25kA	100kA	≤2.0kV	/	≤2.0kV
LKXX25-440/1+1	L→N,N→PE	25kA	25kA	/	≤2.0kV	≤2.0kV
LKXX25-440/3+1	L→N,N→PE	25kA	25kA	≤2.0kV	≤2.0kV	≤2.0kV

交流浪涌保护器接线方式及原理图

Wiring mode and schematic diagram of AC SPD

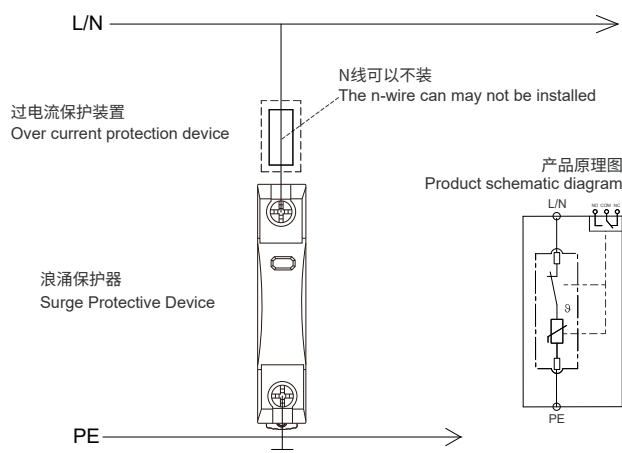


图1: 电源TN-C IT (带N线) 系统1P模块接线方式

Figure 1: Power Supply TN-C IT (with n-line) System 1P module wiring mode

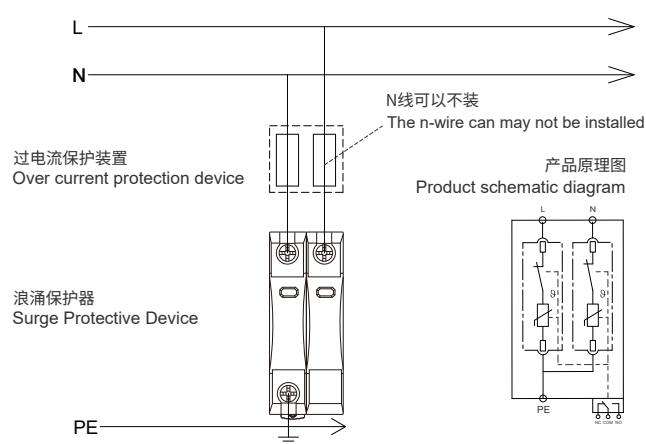


Figure 2: Single-phase power supply TN-S TN-C-S (RCD) after the TT IT (N-wire) 2P module wiring

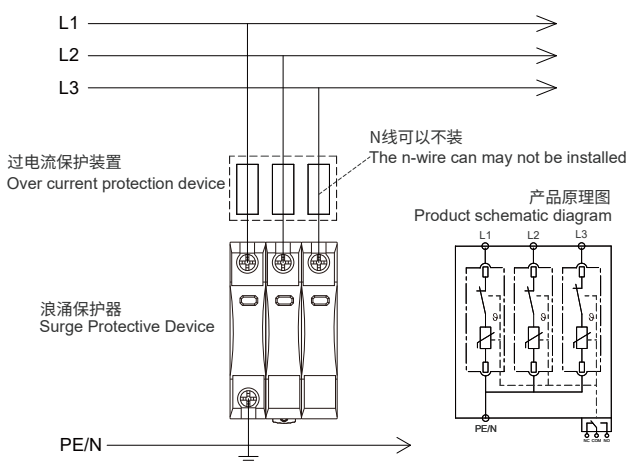


Figure 3: Single-phase power supply TN-S TN-C-S (RCD) after the TT IT (N-wire) 3P module wiring

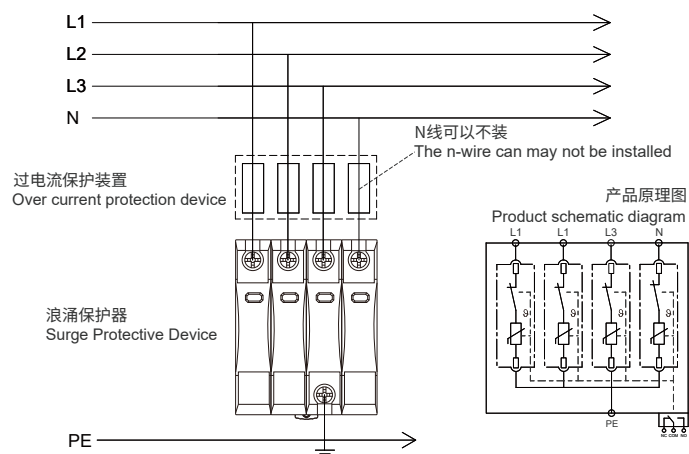


Figure 3: Single-phase power supply TN-S TN-C-S (RCD) after the TT IT (N-wire) 4P module wiring

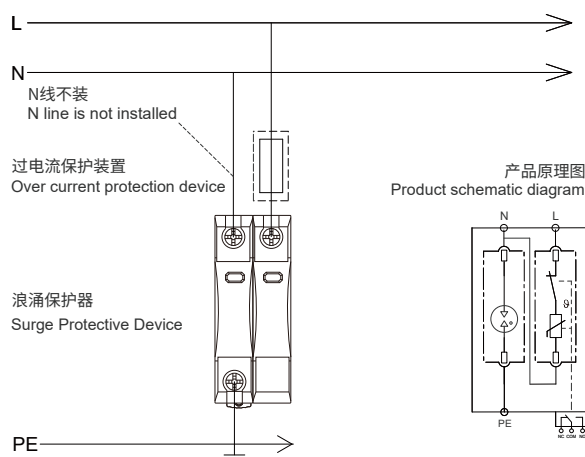


Figure 4: single-phase power supply (RCD) before TT IT (with N-line) 1 + N-PE module wiring mode

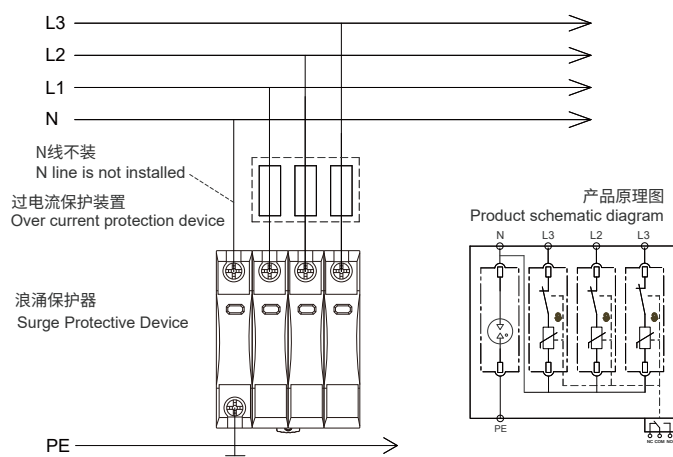


Figure 4: single-phase power supply (RCD) before TT IT (with N-line) 3 + N-PE module wiring mode