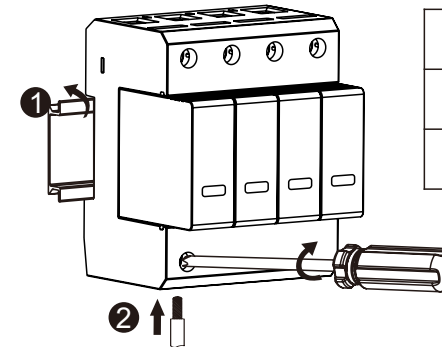
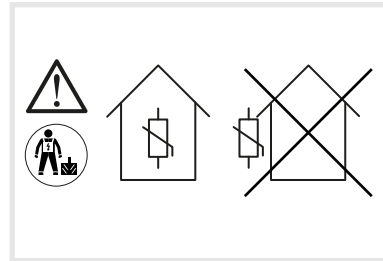
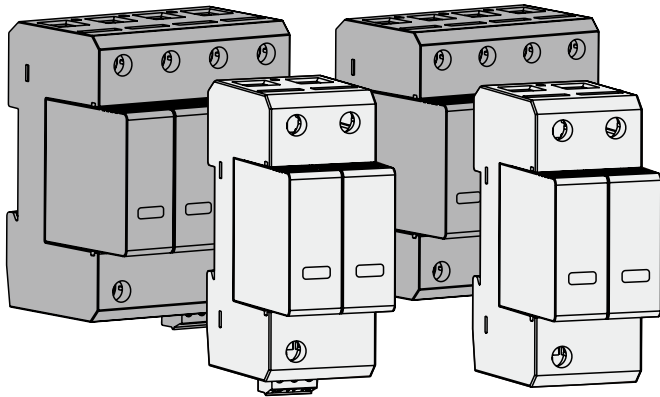


SPL220, SPL240, SPL265, SPL420, SPL440, SPL465 SPL220R, SPL240R, SPL265R, SPL420R, SPL440R, SPL465R

Installation / 安装

Connection data / 接线数据

6LE008137Aa



Min. □ L, N, PE	1.5 mm ²	
Max. □ L, N, PE	25 mm ²	35 mm ²



Technical data / 技术参数

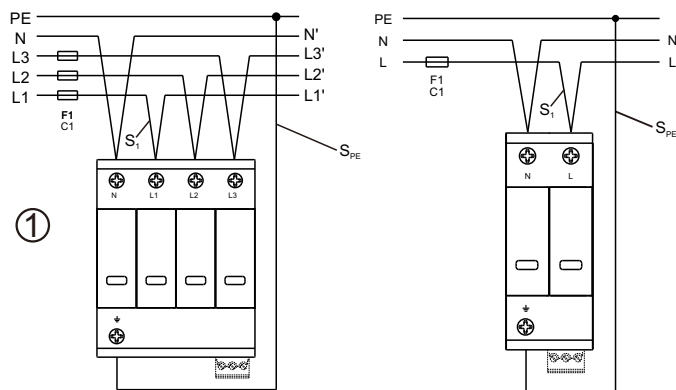
SPD according to IEC 61643-11	Class II	
SPD according to EN 61643-11	Type 2	
Protection mode / 保护模式	L-N	N-PE
U _c	350 V AC	260 V AC
t _A	≤25 ns	≤100 ns
I _{fi}	—	100 A _{rams}
I _{PE}	0.5 mA	
Number of ports / 端口数量	One	
IP code / 外壳防护等级	IP 20	
Installing type / 安装方式	DIN 35 mm rail	
Application system / 应用系统	TT, TN-S	
Ambient temperatures / 环境温度	-40 °C ~ 85 °C	
Relative humidity / 相对湿度	5 % ~ 95 %	
Altitude / 海拔	-500 m ~ +4000 m	

Model 型号	Remote alarm function 远程告警功能	I _n (8/20us) 标称 放电电流	I _{max} (8/20us) 最大 放电电流	U _p 电压 保护水平	Max.	Max.	I _{SCCR} 额定 短路电流	
SPL220 SPL420	—	10 kA	20 kA	L-N: 1.3 kV N-PE: 1.5 kV	40 A gL/gG	32 A "C"	25 kA (Backup fuse) 10 kA (Backup MCB)	L-N: SPL020 N-PE: SPL040N
SPL220R SPL420R	✓							
SPL240 SPL440	—	20 kA	40 kA	L-N: 1.5 kV N-PE: 1.5 kV	80 A gL/gG	32 A "C"	25 kA (Backup fuse) 10 kA (Backup MCB)	L-N: SPL040 N-PE: SPL040N
SPL240R SPL440R	✓							
SPL265 SPL465	—	35 kA	65 kA	L-N: 1.9 kV N-PE: 1.5 kV	125 A gL/gG	63 A "C"	25 kA (Backup fuse) 10 kA (Backup MCB)	L-N: SPL065 N-PE: SPL065N
SPL265R SPL465R	✓							

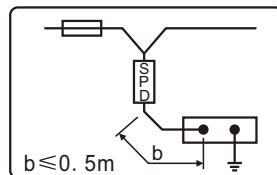
Model 型号	L×W×H(mm)
SPL2xx	90×36×66.6
SPL2xxR	99.5×36×66.6
SPL4xx	90×72×66.6
SPL4xxR	99.5×72×66.6

Connection mode ①/ 电气接线图①

Note: The installation of SPD should be based on Fig. ① (preferential)
注: 优先采用图①所示的接线方式。

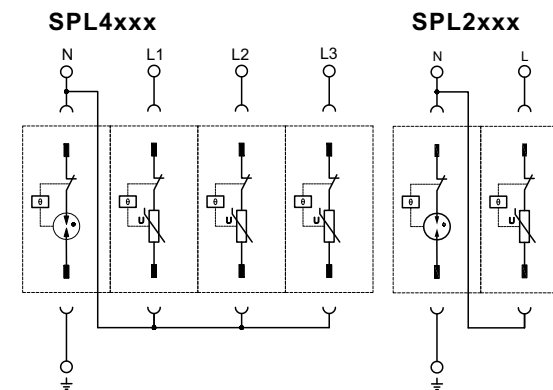


	Backup fuse	Backup MCB ($I_{sc}=10kA$)
SPLx20x	$F1 \leq 40A \text{ gL/gG}$	$C1 \leq 32A "C"$
SPLx40x	$F1 \leq 80A \text{ gL/gG}$	$C1 \leq 32A "C"$
SPLx65x	$F1 \leq 125A \text{ gL/gG}$	$C1 \leq 63A "C"$



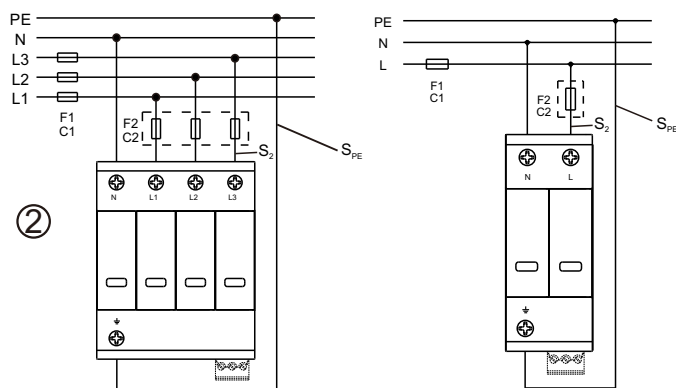
SPLx20x	SPLx40x	SPLx65x	Type	
F1 AgL/gG	F1 AgL/gG	F1 AgL/gG	S_1 mm ²	S_{PE} mm ²
40	40	40	6	6
	50	50	6	6
	63	63	10	10
	80	80	10	10
		100	16	16
		125	16	16

Circuit Diagram / 原理图

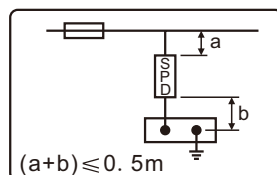


Connection mode ②/ 电气接线图②

Note: If there is any difficulty in connection referring to Fig. ① or the carrying capacity of connecting wires cannot meet requirements specified in IEC 60364-4-5-523, Fig. ② should be taken as a reference.
注: 在采用图①有困难或连接导线的载流量不能满足 IEC 60364-4-5-523的要求时, 应采用图②所示的接线方式。



	Backup fuse	Backup MCB ($I_{sc}=10kA$)
SPLx20x	$F1 > 40A \text{ gL/gG} \Rightarrow F2 \leq 40A \text{ gL/gG}$ $F1 \leq 40A \text{ gL/gG} \Rightarrow \text{X}$	$C1 > 32A "C" \Rightarrow C2 \leq 32A "C"$ $C1 \leq 32A "C" \Rightarrow \text{X}$
SPLx40x	$F1 > 80A \text{ gL/gG} \Rightarrow F2 \leq 80A \text{ gL/gG}$ $F1 \leq 80A \text{ gL/gG} \Rightarrow \text{X}$	$C1 > 32A "C" \Rightarrow C2 \leq 32A "C"$ $C1 \leq 32A "C" \Rightarrow \text{X}$
SPLx65x	$F1 > 125A \text{ gL/gG} \Rightarrow F2 \leq 125A \text{ gL/gG}$ $F1 \leq 125A \text{ gL/gG} \Rightarrow \text{X}$	$C1 > 63A "C" \Rightarrow C2 \leq 63A "C"$ $C1 \leq 63A "C" \Rightarrow \text{X}$



Type			SPLx20x	SPLx40x	SPLx65x
F1 AgL/gG	S_2 mm ²	S_{PE} mm ²	F2 AgL/gG	F2 AgL/gG	F2 AgL/gG
40	6	6	-	-	-
50	6	6	40	-	-
63	10	10	40	-	-
80	10	10	40	-	-
100	16	16	40	80	-
125	16	16	40	80	-
>125	25	25	40	80	125

Remote signalling contact / 遥信触点

Fault indication / 故障指示

SPL020, SPL040, SPL065, SPL040N, SPL065N

SPLxxxR

	AC: 250V/0.5A 125V/1A DC: 30V/0.1A

