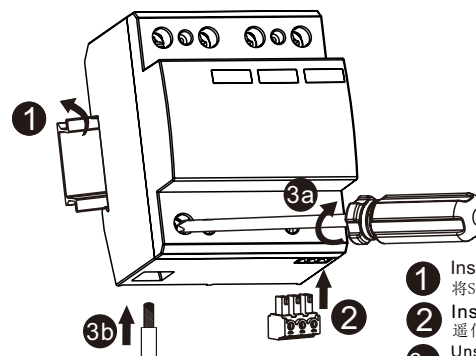
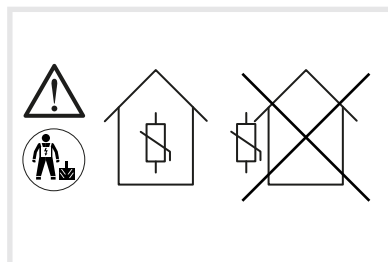
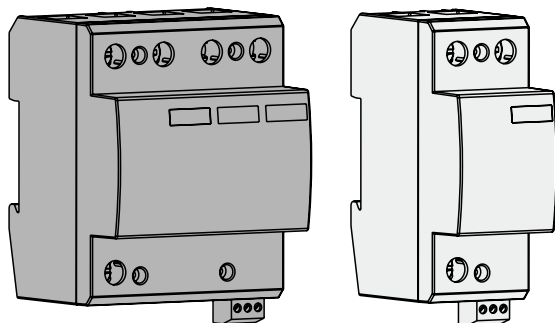


Installation / 安装

Connection data / 接线数据

6LE008136Aa



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

- 1 Install the SPD on 35mm DIN rail.
将SPD安装在35mm DIN 导轨上。
- 2 Install the remote signaling terminal.
通信端子安装。
- 3a Unscrew.
拧松螺钉。
- 3b Connect the cable.
接入线缆。



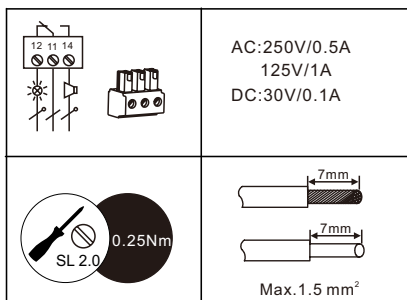
Technical data / 技术参数

SPD according to IEC 61643-11	Class I + II	
SPD according to EN 61643-11	Type 1+2	
Protection mode / 保护模式	L-N	N-PE
U _c	350 V AC	255 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	

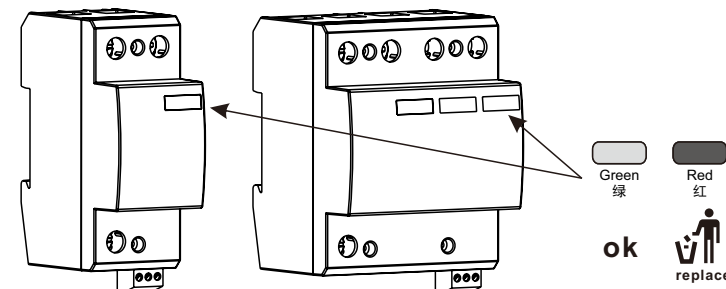
Model 型号	Remote alarm function 远程告警功能	I _n (8/20us) 标称 放电电流 L-N	I _n (8/20us) 标称 放电电流 N-PE	I _{imp} (10/350us) 冲击 放电电流 L-N	I _{imp} (10/350us) 冲击 放电电流 N-PE	U _p 电压 保护水平	Max.	SSD SPD后备保护	I _{SCCR} 额定 短路电流	L×W×H(mm)
SPL212R	✓	12.5 kA	50 kA	12.5 kA	50 kA	1.5 kV	160 A gL/gG	12.5kA (10/350us)	12.5 kA (Backup fuse)	90×36×67.6
SPL412R										90×72×67.6

Remote signalling contact / 遥信触点

SPLxxxR

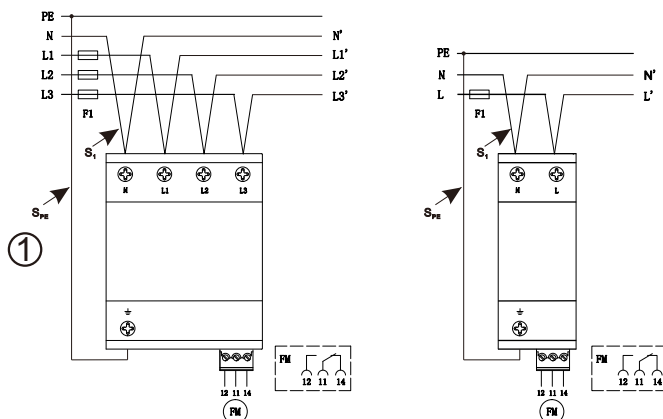


Fault indication / 故障指示

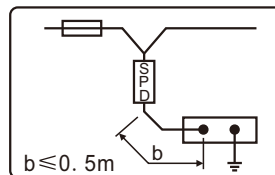


Connection mode ①/ 电气接线图①

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。

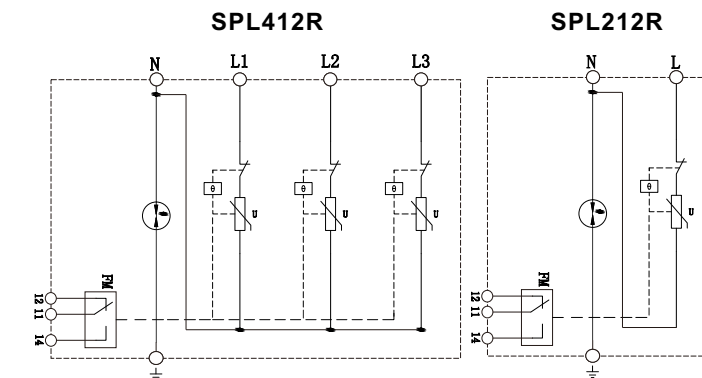


	Backup fuse
SPL212R	$F1 \leq 160A \text{ gL/gG}$
SPL412R	$F1 \leq 160A \text{ gL/gG}$



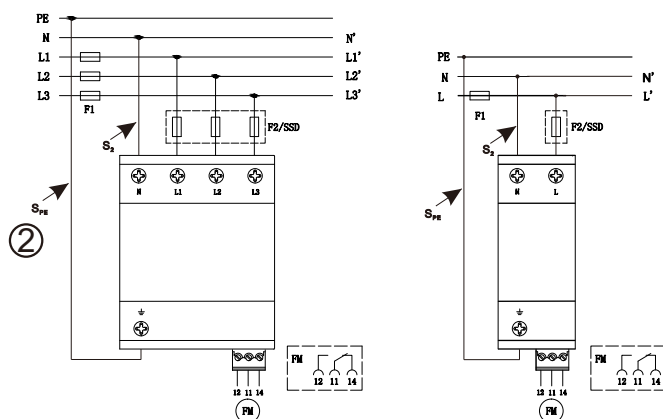
SPL212R	SPL412R	Type	
F1 AgL/gG	F1 AgL/gG	S_1 mm ²	S_{PE2} mm ²
40	40	6	6
50	50	6	6
63	63	10	10
80	80	10	10
100	100	16	16
125	125	16	16
160	160	25	25

Circuit Diagram / 原理图

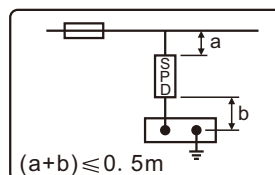


Connection mode ②/ 电气接线图②

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	SSD
SPL212R	$F1 > 160A \text{ gL/gG} \Rightarrow F2 \leq 160A \text{ gL/gG}$ $F1 \leq 160A \text{ gL/gG} \Rightarrow \text{X}$	12.5kA(10/350us)
SPL412R	$F1 > 160A \text{ gL/gG} \Rightarrow F2 \leq 160A \text{ gL/gG}$ $F1 \leq 160A \text{ gL/gG} \Rightarrow \text{X}$	12.5kA(10/350us)



Type			SPL212R	SPL412R
F1 AgL/gG	S_2 mm ²	S_{PE2} mm ²	F2 AgL/gG	F2 AgL/gG
40	6	6	-	-
50	6	6	-	-
63	10	10	-	-
80	10	10	-	-
100	16	16	-	-
125	16	16	-	-
> 160	25	25	160	160