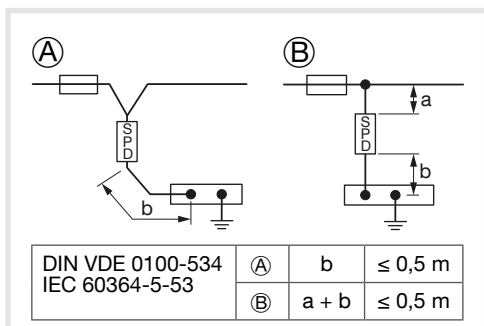
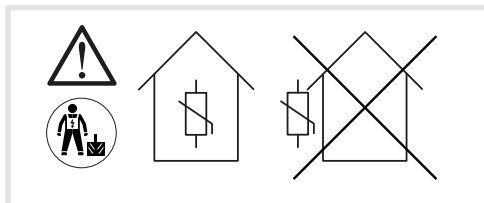


- (DE) Überspannungsableiter
- (EN) Surge protective device
- (FR) Parafoudre
- (NO) Overspenningsvern

SPB113, SPB117, SPB513, SPB517

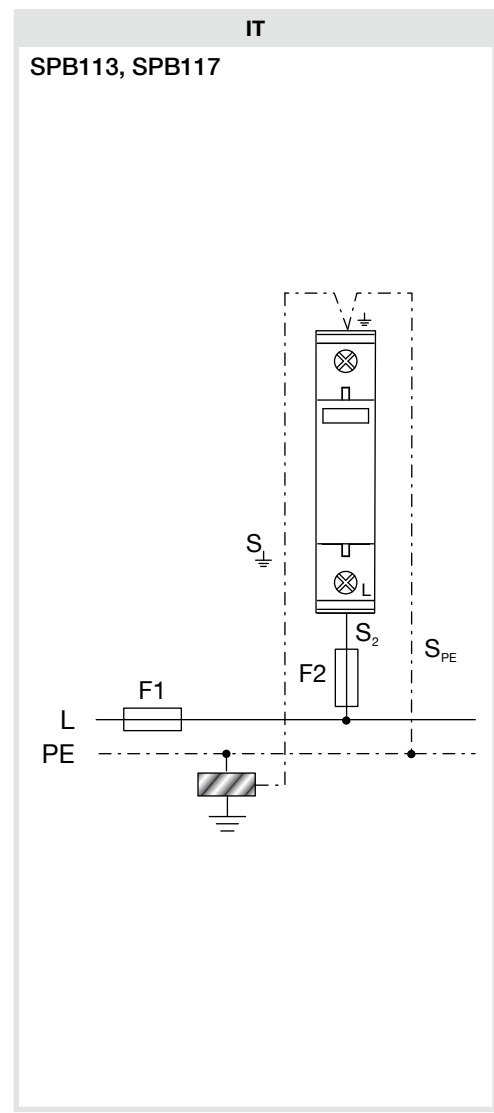
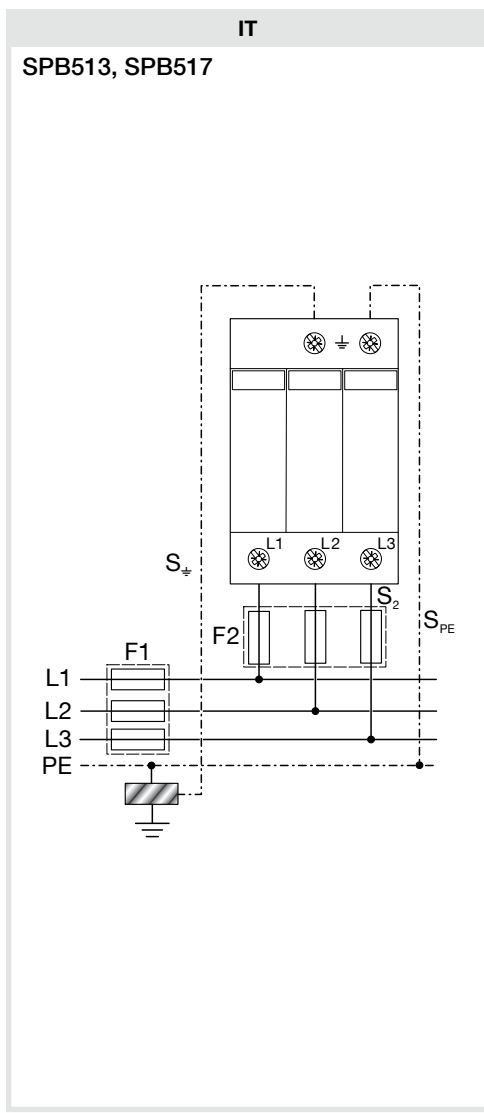


EN 61643-11 IEC 61643-11	Type 2 Class II
$F1_{max}$	125 A gL/gG
IP	20
9°C	-40/+80 °C
IL	80 A

PZ 2 3 Nm (1.5-16 mm²) 4.5 Nm 25-35 mm²		
min. L, N, PE, ≠	1,5 mm²	
max. L, N, PE, ≠	25 mm²	35 mm²

SPB117	SPB113
SPB517	SPB513

	U_n (50/60Hz)	U_c (50/60Hz)	I_{max} (8/20 μs)	I_n (8/20 μs)	U_p	Cartridge/ Steckmodul
SPB113 SPB117	240/415 V~	440 V~	40 kA	20 kA	≤ 2,2 kV	1 x SPB013
SPB513 SPB517	240/415 V~	440 V~	40 kA	20 kA	≤ 2,2 kV	3 x SPB013



F1 	F1 ≤ 125 AgG ↓ 
F2 	F1 > 125 AgG ↓ F2 ≤ 125 AgG



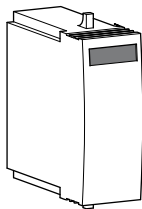
- Die Überspannungsableiter sind auf möglichst kurzem Weg zu erden.

- The surge protective device should be grounded using the shortest possible route.

- Les parafoudres doivent être mis à la terre par le plus court chemin possible.

- Overspenningsvernet må forbindes til jord med kortest mulig ledningslengde.

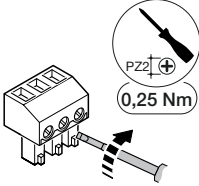
SPB113, SPB117, SPB513, SPB517



Rot/Red/Rouge/Rød ➡ Replace

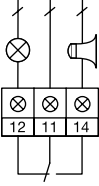
F1 AgL/gG	F2 AgL/gG	S ₂ mm ²	S _{PE} mm ²
25		6	6
35		6	6
40		6	6
50		6	6
63		10	10
80		10	10
100		16	16
125		16	16
> 125	125	16	16

SPB117, SPB517



PZ2

0,25 Nm



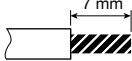
U max./I max. AC :

250V1,5A

U max./I max. DC :

30V/1A

0,14 - 1,5 mm²
AWG 28 - 16




SPB013

