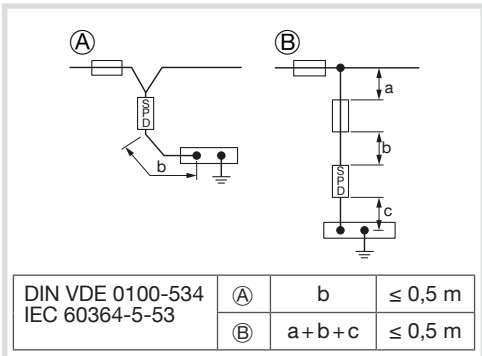
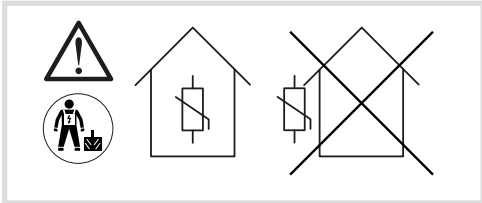
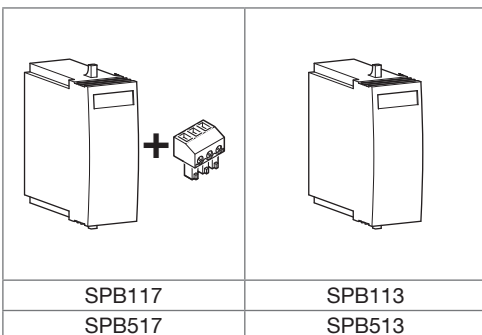
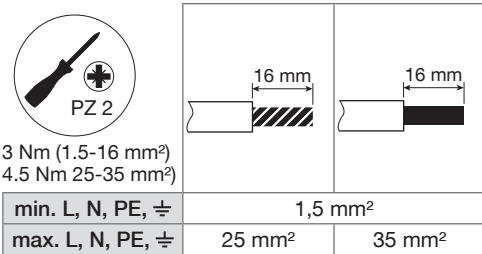


- (DE) Überspannungsableiter
- (EN) Surge protective device
- (FR) Parafoudre
- (NO) Overspenningsvern

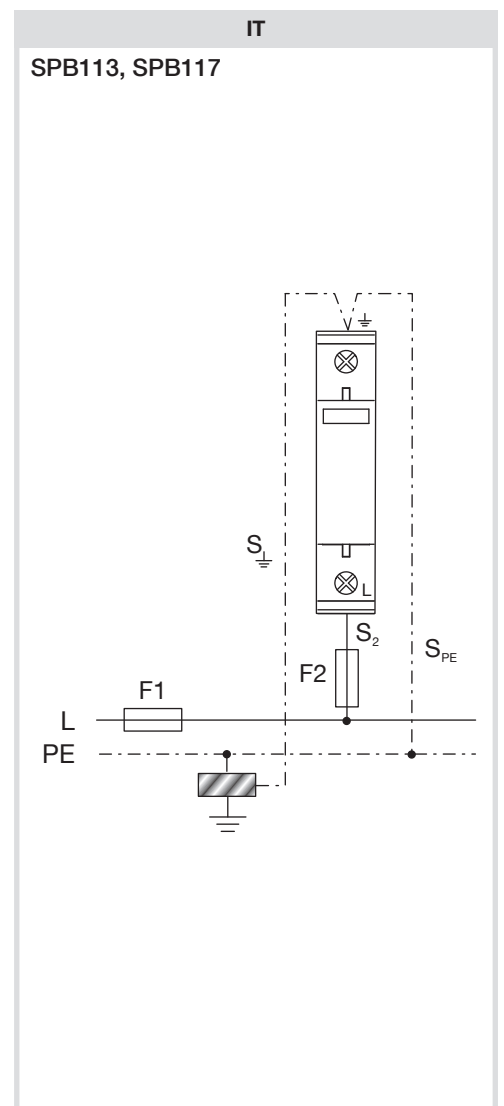
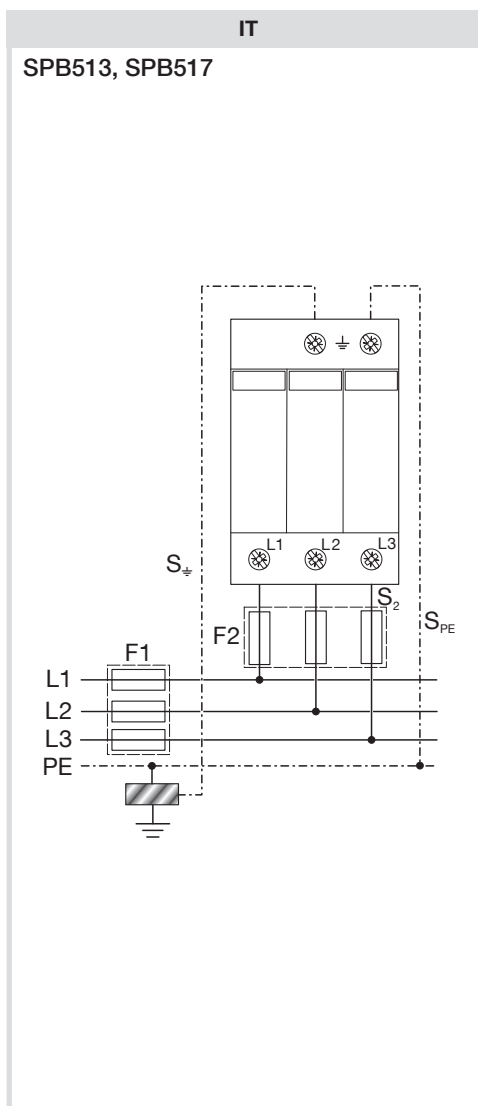
## SPB113, SPB117, SPB513, SPB517



<b>EN 61643-11</b> <b>IEC 61643-11</b>	Type 2 Class II
<b>F1 max</b>	125 A gL/gG
<b>IP</b>	20
<b>9°C</b>	-40/+80 °C
<b>IL</b>	80A



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



F1 ⌀	F1 ≤ 125 AgG ↓ <del>F2</del>
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.

F1 AgL/gG	F2 AgL/gG	S <sub>2</sub> mm <sup>2</sup>	S <sub>PE</sub> mm <sup>2</sup>
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 :	250V/1,5A
U max./I max. DC :	30V/1A
0,14 - 1,5 mm <sup>2</sup> AWG 28 - 16	

7 mm

7 mm

### SPB013

OK

DEFECT  
Replace

A, B, C, NEW