

- (FR) Parafoudres
- (EN) Surge protective device
- (DE) Überspannungsableiter
- (IT) Scaricatori
- (ES) Pararrayos
- (PT) Limitador de sobretensões
- (AR) ضد البرق

6S5052.e

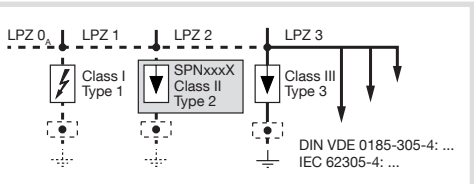


SPN115D/R, SPN140C/D/R, SPN165R

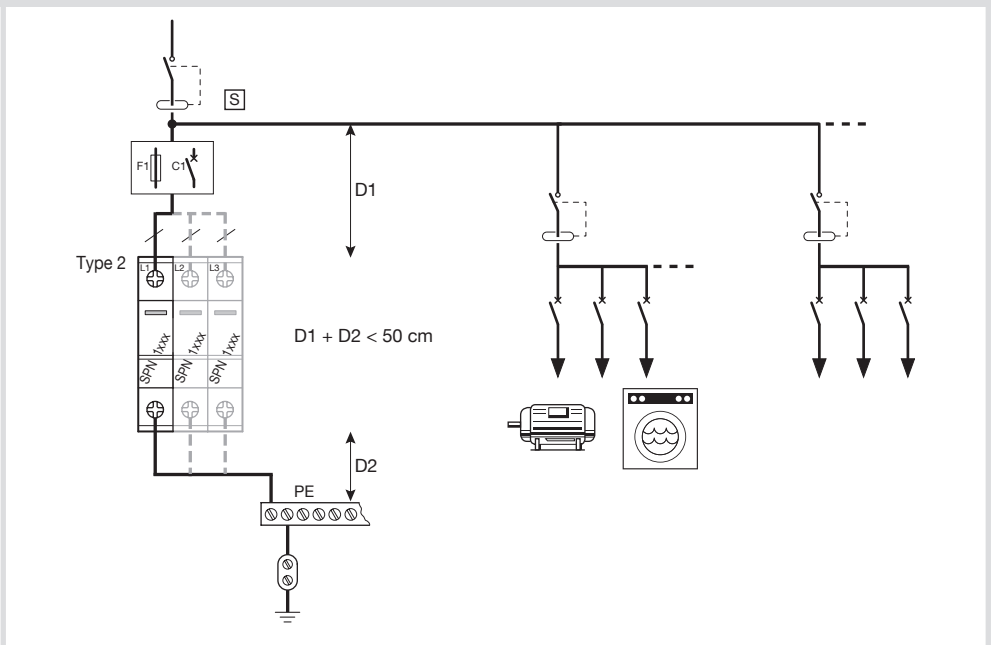
EN 61 643-11 IEC 61 643-11	Type 2 Class II
I_{pe}	< 0,5 mA
Humidity	5%...95%
θ °C	-40/+55 °C
Ports	1
IP code	20 (built in)
LxWxH	86,5 x 17,5 x 60 mm

	PZ 2 4 Nm	
	min. L, N, PE, \perp	2,5 mm ²
	max. L, N, PE, \perp	25 mm ² 35 mm ²

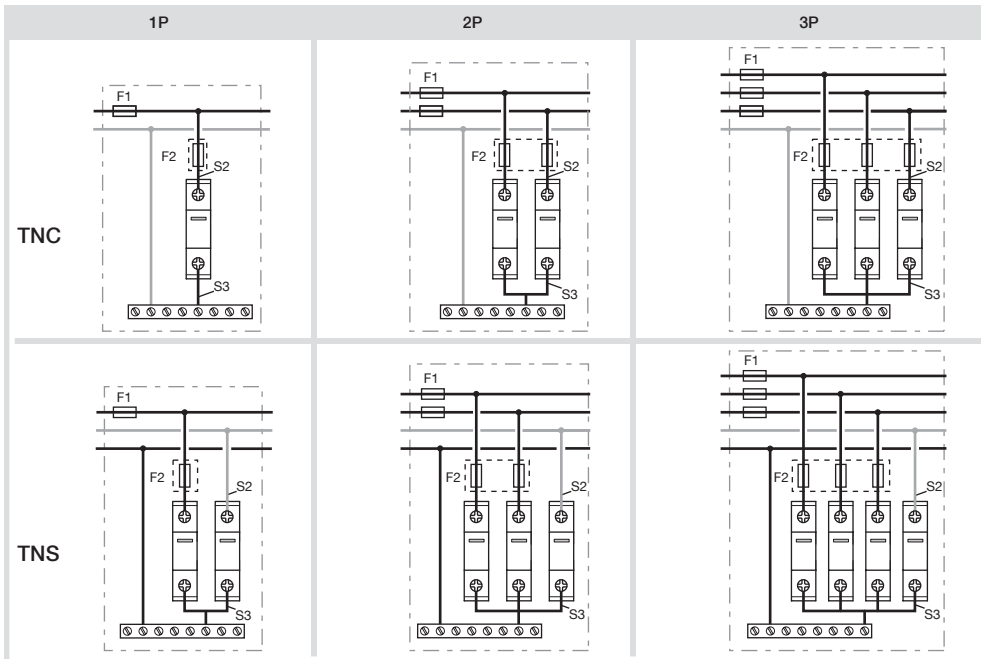
Coordination/Koordination



Indoor use only - There is no distance from the SPD to any earthed conductive surface required



	I_n (8/20 μ s)	I_{max} (8/20 μ s)	U_p	U_n	U_c	\perp C1 max. hager	F1 max \perp	I_{scrr}	
SPN115D/R	5 kA	15 kA	≤ 1 kV	230 V (50/60 Hz)	275 V (50/60 Hz)	32 A"C"	125 A gG	10 kA _{rms}	SPN015D/R
SPN140D/R	15 kA	40 kA	$\leq 1,2$ kV	230 V (50/60 Hz)	275 V (50/60 Hz)	32 A"C"	125 A gG	20 kA _{rms}	SPN040D/R
SPN140C	15 kA	40 kA	≤ 2 kV	400 V (50/60 Hz)	440 V (50/60 Hz)	32 A"C"	125 A gG	20 kA _{rms}	SPN040C
SPN165R	20 kA	65 kA	$\leq 1,5$ kV	230 V (50/60 Hz)	275 V (50/60 Hz)	32 A"C"	160 A gG	20 kA _{rms}	SPN065R



Backup fuse/Vorsicherung		
Type	SPN115D/R SPN140C/D/R	SPN165R
F1 \perp	F1 > 125 AgG ↓ F2 \leq 125 AgG	F1 > 160 AgG ↓ F2 \leq 160 AgG
F2 \perp	F1 \leq 125 AgG ↓ F2 \perp	F1 \leq 160 AgG ↓ F2 \perp

A min. 6mm² Cu

Type		SPN115X SPN140X	SPN165R
F1 A/gG	S ₂ mm ²	F2 A/gG	F2 A/gG
25	4	-	-
35	4	-	-
40	4	-	-
50	6	-	-
63	10	-	-
80	10	-	-
100	16	-	-
125	16	-	-
160	25	125	-
> 160	25	125	160

Fault indication

SPN115D, SPN140C/D



OK

Vert/Green/Grün/Verde/
Verde/Verde/أخضر



Replace

Rouge/Red/Rot/
Rosso/Rojo/Encarnado/أحمر

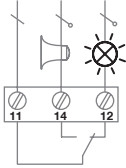


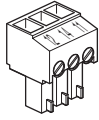
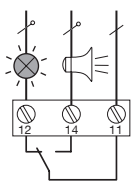

SPN115R, SPN140R, SPN165R



Protection module OK

Vert/Green/Grün/Verde/
Verde/Verde/أخضر

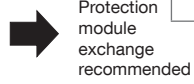
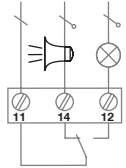


	
I min.	250 VAC/0,5 A 250 VDC/0,1 A
I max.	125 VDC/0,2 A 75 VDC/0,5 A
1,5 mm ²	
	



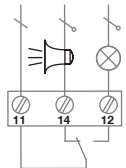
Protection module exchange recommended

Jaune/Yellow/Gelb/Giallo/
Amarillo/Amarelo/أصفر



Replace

Rouge/Red/Rot/Rosso/
Rojo/Encarnado/أحمر



SPN015D/R, SPN040C/D/R, SPN065R

