

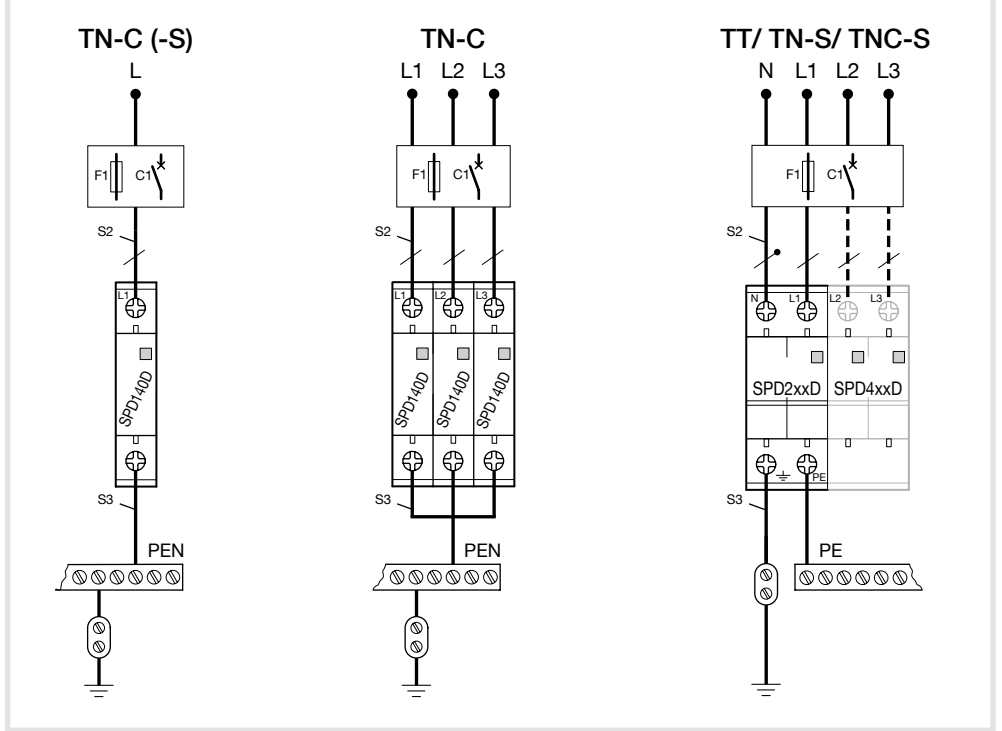
6S5055e

- (FR) Parafoudre
- (EN) Lightning surge arrester
- (DE) Überspannungsableiter
- (IT) Scaricatore
- (ES) Pararrayos
- (PT) Limitador de sobretensões

SPD140D, SPD215D, SPD240D, SPD415D, SPD440D

EN 61 643-11 IEC 61 643-11	Type 2 Class II
U_n	230/400 V (50/60 Hz) Tolerance: 0V... U_c
U_c (L-N)	275 V (50/60 Hz)
U_c (N-PE)	255 V (50/60 Hz)
I_{fi} (N-PE)	100 A _{rms}
\Rightarrow F1 max	125 A gG
Humidity	5%...95%
9 °C	-40/+60 °C
Ports	1
IP code	20 (built in)
LxWxH SPD1xxD SPD2xxD SPD4xxD	86,5 mm x 18 mm x 60 m 86,5 mm x 36 mm x 60 m 86,5 mm x 72 mm x 60 m

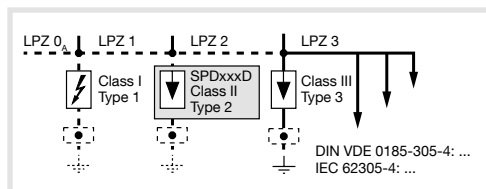
Indoor use only - There is no distance from the SPD to any earthed conductive surface required



 PZ 2 4 Nm	 14 mm	 14 mm	
	min. L, PE	2,5 mm ²	
	max. L, PE	25 mm ²	35 mm ²

	I_n (8/20 μ s)	I_{max} (8/20 μ s)	U_p	U_c	C1 max. hager	F1 max \Rightarrow	I_{pe}	I_{sccr}	
SPD215D SPD415D	5 kA	15 kA	≤ 1 kV	275 V (50/60 Hz)	32 A "C"	125 A gG	$< 5 \mu$ A	10 kA _{rms}	SPD015D SPD040N
SPD140D	15 kA	40 kA	$\leq 1,2$ kV	275 V (50/60 Hz)	32 A "C"	125 A gG	$< 0,5$ mA	20 kA _{rms}	SPD040D
SPD240D SPD440D	15 kA	40 kA	$\leq 1,2$ kV	275 V (50/60 Hz)	32 A "C"	125 A gG	$< 5 \mu$ A	20 kA _{rms}	SPD040D SPD040N

Coordination/ Koordination

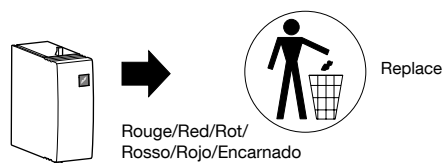
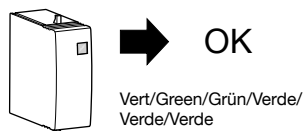


A min. 6 mm² Cu

F1 A/gG	S ₂ mm ²	S ₃ mm ²	F2 A/gG
25	4	6	-
35	4	6	-
40	4	6	-
50	6	6	-
63	10	10	-
80	10	10	-
100	16	16	-
125	16	16	-
>125	16	16	125

Fault indication

SPD140D, SPD215D, SPD240D, SPD415D, SPD440D



SPD015D, SPD040D/N

