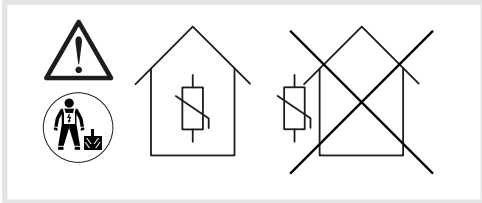


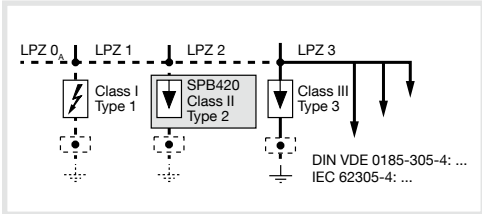
DE Überspannungsableiter
EN Surge protective device
FR Parafoudre

SPB420

Installation



Coordination / Koordination

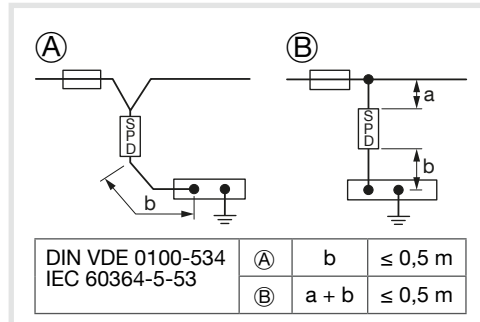


EN 61643-11 IEC 61643-11	Type 2 Class II
U_n	240/415V (50/60Hz)
U_c	350V (L-N); 264V (N-PE)
I_{fi}	100A _{rms}
Humidity	5%...95%
9°C	-40/+80°C
Ports	1
IP code	20 (built in)
I_{max} (8/20µs)	40kA
I_n (8/20 µs)	20kA (L-N/N-PE)
U_p	1.5kV (L-N/N-PE)
I_{sccr}	25kA
Steckmodul/ Cartridge/ Cartouche	3xSPB020 + 1xSPB020N
I_{PE}	≤ 1µA
LxWxH (mm)	74.5x49.2x97.9

Backup fuse / Vorsicherung

Type	Parallel connection
F1	F1 ≤ 315 AgG
F2	F1 > 315 AgG F2 ≤ 315 AgG

Connection / Anschluss



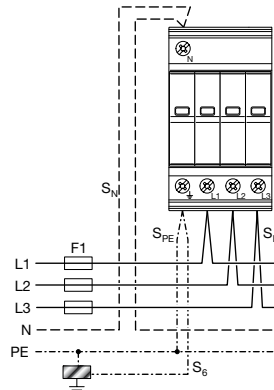
DIN VDE 0100-534 IEC 60364-5-53	(A)	b	≤ 0,5 m
	(B)	a + b	≤ 0,5 m



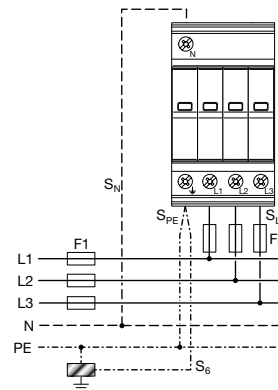
	16 mm	16 mm
min. L, N, PE, ≡	2,5 mm ²	
max. L, N, PE, ≡	16 mm ²	25 mm ²

TT/TNS

Series (V-type) connection



Parallel connection



For parallel connections, the connection cables only have to be designed for short circuits and ground faults / Bei Stichverdrahtung müssen die Anschlussleitungen nur für Kurz- und Erdschlüsse ausgelegt sein / En cas de câblage en dérivation, les câbles de raccordement et les sections doivent être conçus seulement pour les cas de défaut à la terre et de court-circuit

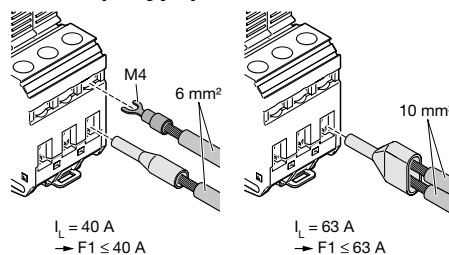
Series connection

F1 AgG	S _L =S _N mm ²	S _{PE(N)} mm ²
25	6	6
32	6	6
40	6	6
50	10	10
63	10	10

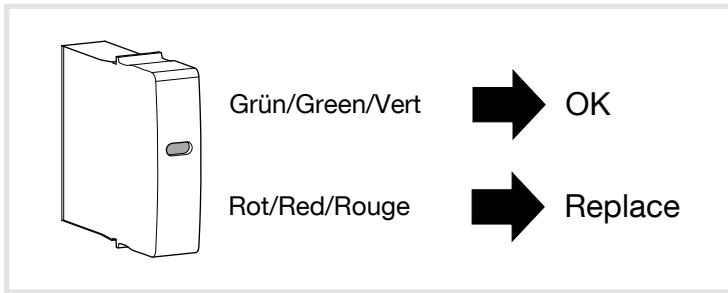
Parallel connection

F1 AgG	F1 AgG	S _L =S _N mm ²	S _{PE(N)} mm ²
25		6	6
32		6	6
40		6	6
50		6	6
63		6	6
80		10	10
100		10	10
125		16	16
160		16	16
200		25	25
250		25	25
315		25	25
400	≤ 250	25	25
≥ 500	≤ 315	25	25

Series (V-Type) connection



Fault indication / Defektanzeige



SPB020, SPB020N

