

Class B, Type 1, Class I

		SP1-B100	SP4-B100
Max operating voltage (Uc)	VAC	255	255
Voltage protection level (Up)	kV	<2,5 kV	<2,5 kV
Lightning impulse current (Imax)	kA	50kA (10/350µs)	50kA (10/350µs)
Over load nominal discharge current (In)	kA	100kA (8/20µs)	100kA (8/20µs)
Response time	ns	≤100	≤100
Protection class (IP)		IP 20	IP 20
No of poles		1	4
Ambient operating temperature	°C	-40...+80	-40...+80
Conductor section (multi-wire copper wire)	mm ²	16...35	16...35
Isolation strength	MΩ	≥70	≥70

Connection of the product must be performed in front of, and in parallel to the equipment to be protected as indicated in the figure.

Class BC, Type 1-2, Class I-II

		SP4-BC100	SLP12.5-950
Type (EN61643-11)		Type 1+Type 2, B+C Class	Type 1+Type 2, B+C Class
Max operating voltage	Uc	385V AC (50/60Hz)	950V AC (50/60Hz)
Max. discharge current (8/20µs)	Imax	100 kA	100 kA
Nominal discharge current (8/20µs)	In	20 kA	20 kA
Lightning impulse current(10/350µs)	Iimp	12,5 kA	12,5 kA
Voltage protection level	Up	1,6 kV	4
Response time		25 ns	25ns
Operating temperature		-40/+80	-40/+80
Protection class		IP20	IP20
Alarm Contact		Yes	Yes

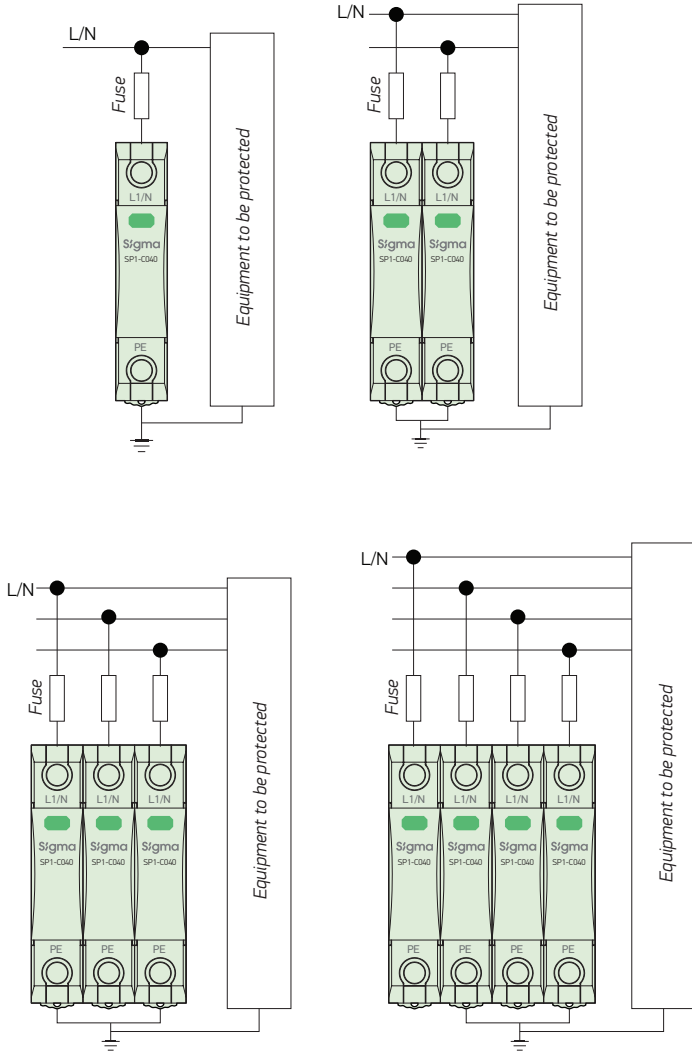
Class C, Type 2, Class II

		SP1-C040	SP2-C040	SP3-C040	SP4-C040
Max operating voltage (Uc)	VAC	275	275	275	275
Voltage protection level (Up)	kV	<1,4kV	<1,4kV	<1,4kV	<1,4kV
Max. discharge current (Imax)	kA	40kA	40kA	40kA	40kA
Nominal discharge current (In)	kA	20kA	20kA	20kA	20kA
Response time	ns	<25	<25	<25	<25
Protection class (IP)		IP 20	IP 20	IP 20	IP 20
No of poles		1	2	3	4
Ambient operating temperature	°C	-40...+80	-40...+80	-40...+80	-40...+80
Conductor section (multi-wire copper wire)	mm ²	≥16	≥16	≥16	≥16

Class D, Type 3, Class III

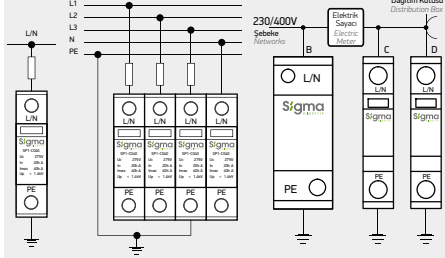
		SP1-D005
Max. operating voltage (Uc)	VAC	275
Voltage protection level (Up)	kV	<1,6kV
Lightning impulse current (Imax)	kA	5kA
Over load nominal discharge current (In)	kA	3kA
Response time	ns	<25
Protection class (IP)		IP 20
No of poles		1
Ambient operating temperature	°C	-40...+80
Conductor section (multi-wire copper wire)	mm ²	≥6

Wiring Diagram



Warning

Bağlantı Şeması / Wiring Diagram
Monofaze, Trifaze hat bağlantıları
Monophase, Threephase line connections



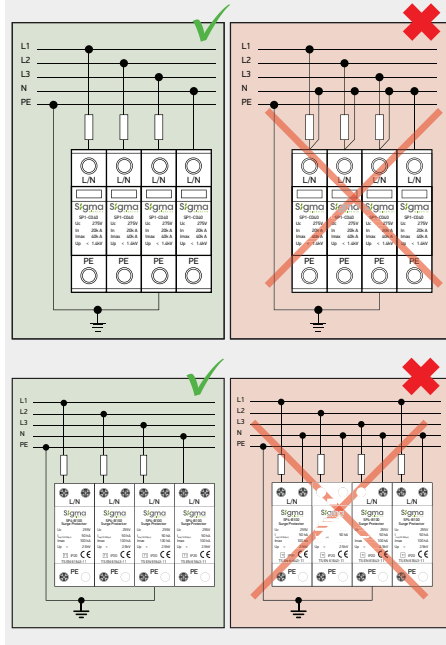
DİKKAT !!! **ATTENTION !!!**

L/N İFADESİ KLEMENSLERE FAZ VEYA NÖTR BAĞLANABİLECEĞİNİ BELİRTMEKTEDİR. KLEMENSLER İÇERİDEN KISA DEVRE OLDUĞU İÇİN SADECE FAZ VEYA SADECE NÖTR BAĞLANABİLİR. AŞAĞIDAKİ ŞEKİLLERE BAKINIZ.



L/N EXPRESSION INDICATES THAT PHASE OR NEUTRAL CAN BE CONNECTED TO THE TERMINAL BLOCKS, SINCE THE TERMINAL BLOCKS HAVE SHORT CIRCUIT FROM THE INTERNAL SIDE, ONLY PHASE OR ONLY NEUTRAL CAN BE CONNECTED.

SEE THE FIGURES BELOW.



Dimensions

