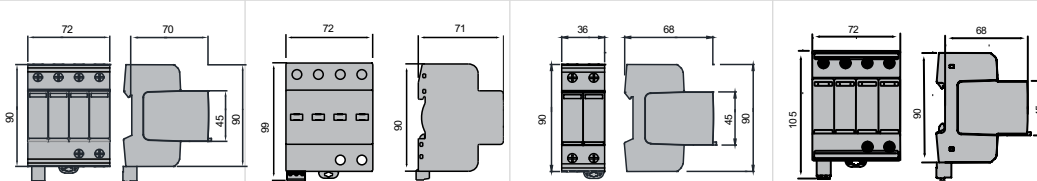


Surge Protection Device Type 1+2, 2

2P, 4P from 40 to 50kA



SA0	4P	A	320	R
Range Name	Number of Pole	AC Voltage	Continuo. Voltage Uc	Relay Output

Type		Surge Protection Device Type 1+2, 2				
		SA0	SA0B	SG2C	SG2	SG2
Number of pole		4P		4P	2P	4P
Type		Plug-in cartridge	Monobloc	Plug-in cartridge		
Continuous voltage [Uc]		300 V	320 V	275V	300V	300V
Impulse current Iimp 10/350		12.5kA		--		
Max. discharge current I _{max} 8/20		40kA	50kA	40kA	50kA	
Rated discharge current I _n 8/20		20kA				
Relay output		1 C/O 3A at 125VAC, 0.5A at 250VAC		1C/O	--	
Standard		IEC/EN 61643-11				
Ambient conditions	Operating Tem.	- 40°C to +85°C				
	Max altitude	2000 m				
Mount		On 35mm DIN rail				
Width		72 mm	72 mm	36 mm		72 mm
Terminal		Screw, Flexible 25mm², Rigid 35mm²				
Dimension						

Surge Protection Device Type 1+2, 2

2P, 4P from 40 to 50kA



SA1B3NA320R



SA0B4PA320R



SG22PA300



SG24PA300R

Surge Protection Device Type 1+2

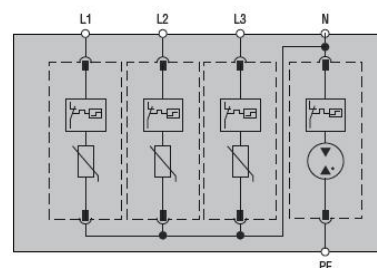
Number of pole	limp 10/350 (kA)	I _{max} 8/20 (kA)	Relay output	Reference
Surge protection device monobloc Maximum continuous voltage U_c = 320VAC				
3P+N	25	100	1C/O	SA1B3NA320R
4P	25	100	1C/O	SA1B4PA320R
4P	12.5	50	1C/O	SA0B4PA320R
Surge protection device plug-in cartridge Maximum continuous voltage U_c = 300VAC				
4P	12.5	40	1C/O	SA04PA320R

Surge Protection Device Type 2

Number of pole	I _n 8/20 (kA)	I _{max} 8/20 (kA)	Relay output	Reference
Surge protection device plug-in cartridge Maximum continuous voltage U_c = 300VAC				
2P	20	50	-	SG22PA300
3P+N	20	50	-	SG23NA300
4P	20	50	-	SG24PA300
4P	20	50	1C/O	SG24PA300R
Surge protection device plug-in cartridge Maximum continuous voltage U_c = 275VAC				
4P	20	40	1C/O	SG2C4PA275R

Common mode over-voltage:

- Over-voltages appear between live conductors & earth: phase-to earth or neutral-to-earth.
- They are dangerous especially for appliances whose frame is connected to earth due to risks of dielectric breakdown.



Differential mode over-voltage:

- Over-voltages appear between live conductors: phase-to-phase or phase-to-neutral.
- They are dangerous especially for electronic equipment, sensitive hardware such as computers, etc.

