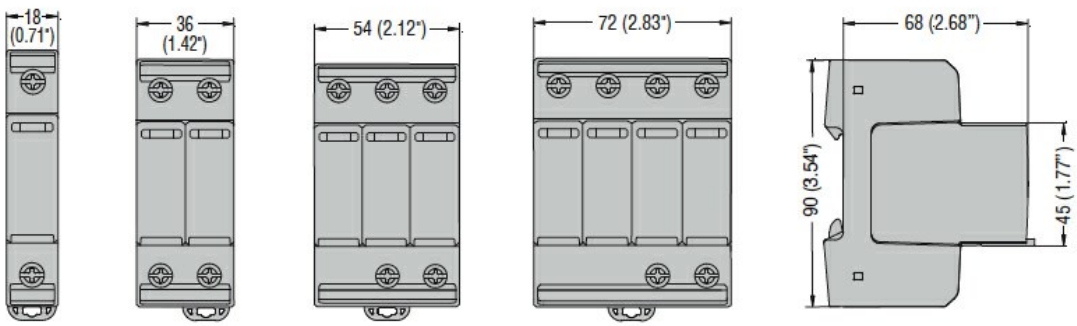
SG24PA300

SURGE PROTECTION DEVICE TYPE 2 WITH PLUG-IN CARTRIDGE, RATED DISCHARGE CURRENT IN (8/20MS) 20KA PER POLE, 4P



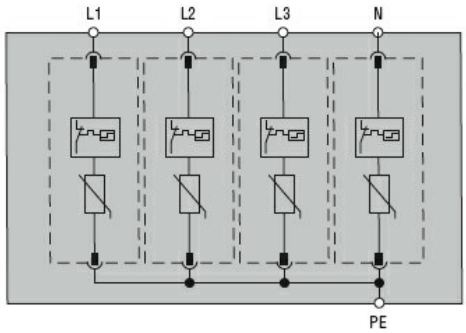
Product designation			Surge protection device (SPD)
Product type designation			SG2
Operating voltage type			AC
Application			AC Power lines
Number of poles			4P
Number of DIN modules			4
SPD according to IEC/EN 61643-11			YES
Electrical features			
IEC Maximum continuous voltage Uc		V	300
IEC Maximum discharge current Imax 8/20 (L-N/N-PE)		kA	50
IEC Rated discharge current (IEC) In 8/20 (L-N/N-PE)		kA	20
IEC Voltage protection level Up (L-N/N-PE)		kV	<1.5
Temporary overvoltage (TOV) resistance Ut (L-N for 5s)		V	337
IEC Follow current If (N-PE) rms		A	No
Tripping time ta (L-N/N-PE)		ns	<25
Thermal insulation protection			YES
IEC Backup protection fuse with supply fuse >315A (L-N/N-PE)		Class/A	315A / 250A Gg
IEC Maximum short circuit current at 50Hz		kA	25 / 50
Status indicator - operating / end of life			Frontal indication
Ambient conditions			
Operating temperature			
	min	°C	-40
	max	°C	85
Max altitude		m	2000
Mechanical features			
Fixing			DIN rail
Conductor section Flexible max (IEC)		mm²	25
Conductor section Rigid max (IEC)		mm²	35
Weight		g	496
Relay output for remote status indication			
Rated current at			
	125V AC	A	1
	48V DC	A	0.5

Dimensions



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Wiring diagrams



Certifications and compliance

Compliance

IEC/EN 61643-11

Certificates

EAC

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