

# SPA208

## Type 2 Surge Arrester

The **SPA208** is for installation at LPZ 0<sub>B</sub> -1 or higher, protecting low voltage equipment from surge damage.

Designed according to IEC 61643-11 / GB 18802.1. This device has a pluggable modular SPD Class II (Class C) for TT and TN power supply system.

According to the lightning protection zones concept, this device is for installation at LPZ 0<sub>B</sub> -1 or higher. This surge protective device is usually installed in the distribution-box or feeder bus of the UPS, protecting devices or equipment downstream.

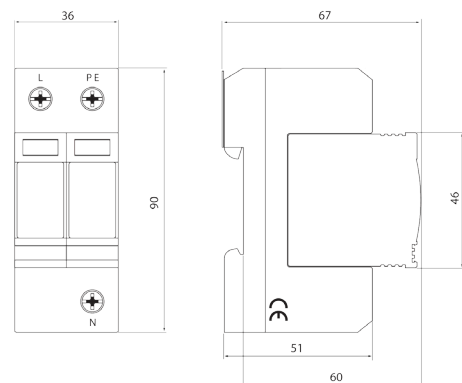
A fuse must be installed at the upstream of the SPD / lightning arrester to make sure that the protected system has double protection.

Specification		
Test standards: EN 61643-11; IEC 61643-11; GB 18802.1; YD/T 1235.1	TYPE 2 - CLASS II	
Rated voltage (max. continuous voltage)	$U_C$	275V (L-N) 255V (N-PE)
Nominal operating voltage	$U_N$	230VAC
Nominal discharge current (8/20)	$I_n$	20kA (L-N) 40kA (N-PE)
Max. discharge current (8/20)	$I_{max}$	40kA (L-N) 65kA (N-PE)
Voltage protection level at $I_n$	$U_p$	$\leq 1.3kV$ (L-N) $\leq 1.8kV$ (N-PE)
Voltage protection level 5kA	$U_p$	$\leq 1.0kV$ (L-N)
Max. Temporary overvoltage withstand (TOV)	$U_T$	335V/5s (L-N) 1200/200ms (N-PE)
Response time	$t_A$	$\leq 25ns$ (L-N) $\leq 100ns$ (N-PE)
Follow current extinguishing capability at $U_c$	$I_f$	100Arms(N-PE)
Max. back up fuse		125A gL/gG (L-N)
Operating temperature range	$\vartheta$	-40°C to +80°C
Cross-sectional area	1.5mm - 25mm solid 35mm flexible	
Connection type	Screw Terminal	
Mounting on	35mm DIN rail	
Enclosure material	Thermoplastic, UL94-V0	
Mechanical protection level	IP20	
Certification	CE (LVD, EMC)	
Type of remote signalling contact	Switching contact	
Switching capacity	$U_N / I_N$	AC:250V/0.5A DC:250V/0.1A, 125V/0.2A, 75V/0.5A
Cross-sectional area for remote signalling contact	Max. 1.5mm solid / flexible	
Part Code	SPA208	

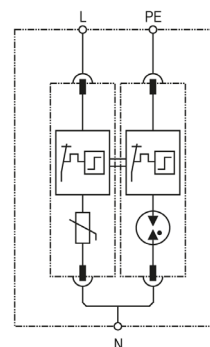


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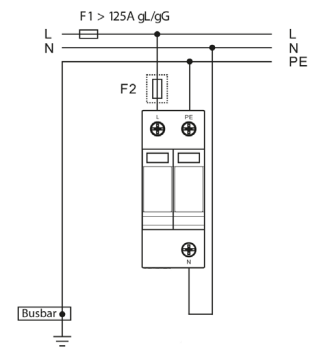
### Dimensions in mm



### Internal Wiring



### Installation



All of the above information, including drawings, illustrations and graphic designs, reflects our present understanding and is to the best of our knowledge and belief correct and reliable. Users, however, should independently evaluate the suitability of each product for the desired application.