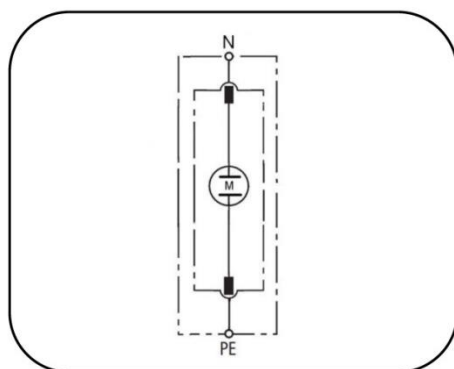
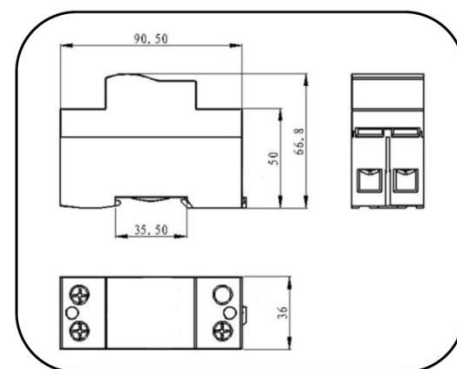


SURGE ARRESTERS - CLASS I

S-B100G/255NPE



Basic circuit diagram



Dimension drawing

Surge arrester for low-voltage power supply system protection against surges at the boundaries from lightning protection zone 0B -1 and higher.

Type	S-B100G/255NPE
In accordance with	IEC61643-11:2011; UL1449 3rd
Category IEC/VDE	I/ B
Max. continuous operating voltage (AC)	255V
Nominal discharge current(8/20) In	100kA
Lightning impulse current (10/350) Iimp	100kA
Voltage protection level @1.2/50	<1.5kV
Response time	≤100 ns
Leakage current	No
follow current interrupt rating Ifi	≥ 100KArms @255Vac
Operating temperature range	- 40°C ~ + 80°C
Cross-section of connection wire	Single-strand 35mm ² ; multi-strand 25mm ²
Mounting	35mm DIN-rail in accordance with EN 50022/DIN46277-3
Enclosure material	thermoplastic; extinguishing degree UL94 V-0
Degree of protection	IP20
Installation width	2 modules, DIN 43880
Approvals, Certifications	CE