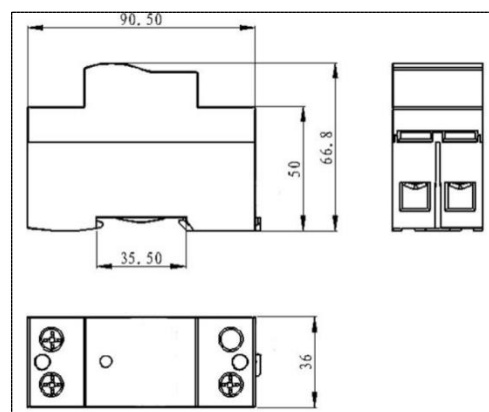


Basic circuit diagram



Dimension drawing

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

- Class I (B) surge arrester in accordance with IEC61643-11:2011; UL1449-4th.
- Spark gap technology for a higher surge current capability.
- 50kA 10/350us for L-N/PE protection.
- Low voltage protection level.
- With LED fault indication.
- Fast response.

Part No.		S-B50G/275-F
In accordance with		IEC61643-11:2011; UL 1449-4th
Category IEC/VDE		I/ B
Max. continuous operating voltage (AC)		275V
Nominal discharge current(8/20) In		50kA
Lightning impulse current (10/350) Imp		50kA
Voltage protection level	@In	<1.5kV
	@1.2/50	<2.0kV
Response time		≤100 ns
Leakage current		No
Backup fuse(only required if not already provided in mains)		500A gL/gG
short-circuit current rating Isccr		25KA rms
follow current interrupt rating Ifi		25KA rms @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
Fault indication		LED blue – normal red – failure(Optional)
Approvals, Certifications		CE