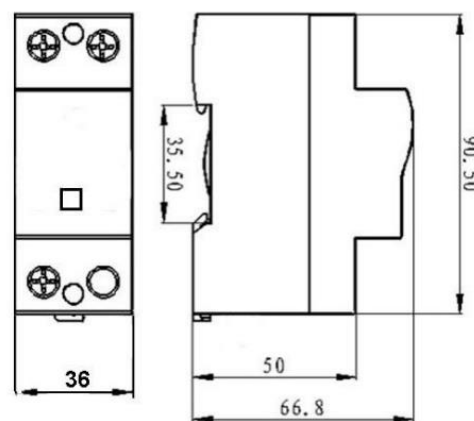


Basic circuit diagram



Dimension drawing

Surge arrester for low-voltage power supply system protection against surges at the boundaries from lightning protection zone 0B -2 and higher.

Model	S-G25/275-S
In accordance with	IEC61643-11:2011; UL1449 3 rd
Category IEC/VDE	I+ II / B+C
Max. continuous operating voltage (V) (AC/DC)	275/350
Nominal discharge current(8/20) In	25kA
Max. discharge current(8/20) Imax	100kA
Lightning impulse current (10/350) Iimp	25kA
Voltage protection level (1.2/50)	<1.5kV
Response time	≤100 ns
Short-circuit current rating (Iscrr)	Iscrr =10kArms
Follow current interrupt rating (Ifi)	Ifi≥10kArms@255Vac
Backup fuse (only required if not already provided in mains)	250A gL/gG
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
Thermal disconnecter	Internal red - failure
Remote alarm contact	Optional
Approvals, Certifications	CE
Remote alarm contact type	Isolated Form C
Switching capability Un/In	AC: 250V/0.5A DC: 250V/0.1A; 125V/0.2A; 75V/0.5A
Max. Size of connecting wire	Max. 1.5mm ² (or # 16AWG)