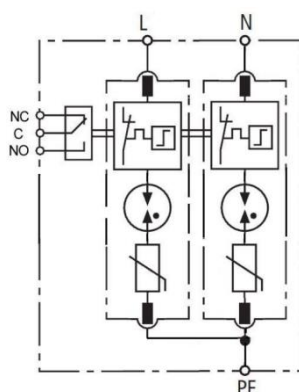
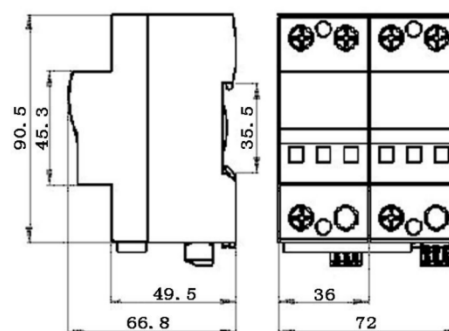




CE



Basic circuit diagram



All dimension in mm

Dimension drawing

Surge arrester for low-voltage power supply system protection against surges at the boundaries from lightning protection zone 0B -3 and higher.

Type		S-B25VT/275(-S)/2P
In accordance with		IEC61643-11:2011; UL1449 3rd
Category IEC/VDE		I+ II + III / B+C+D
Max. continuous operating voltage V(AC/DC)		275/350
Nominal discharge current (8/20us) In		25 kA
Max. discharge current (8/20us) I _{max}		120 kA
Lightning impulse current (10/350us) I _{imp}		25 kA
Open circuit voltage U _{oc}		20 kV
Voltage protection level	@In	< 1.0kV
	@VPR	< 0.6 kV
Response time		≤100 ns
Follow current / Leakage current		No
Backup fuse(only required if not already provided in mains)		315A 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		4 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)