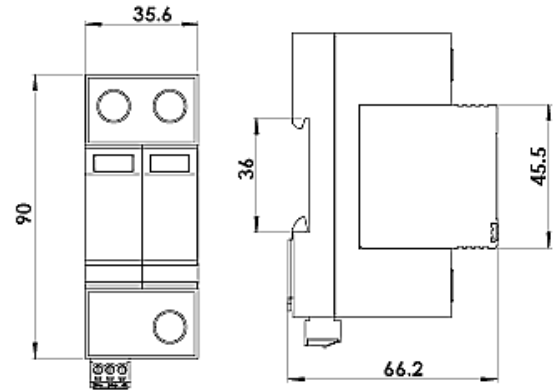


Basic circuit diagram



Dimension drawing

Surge arrester for low-voltage power supply system protection against surges at the boundaries from lightning protection zone 1-2 and higher

Type		S-DS40/275-2V(-S)
In accordance with		IEC61643-11:2011; UL1449 3rd
Category IEC/VDE		II/ C
Max. continuous operating voltage (AC/DC)		275/350
Nominal discharge current(8/20) In		20kA
Max. discharge current(8/20) I _{max}		40kA
Voltage protection level Up	@In	<1.3kV
	@VPR	<1.0kV
Response time		≤25 ns
Follow current		No
Backup fuse (only required if not already provided in mains)		125A 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 disconnect		Internal green – normal ; 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)

CERTIFICATE 9001:2015

