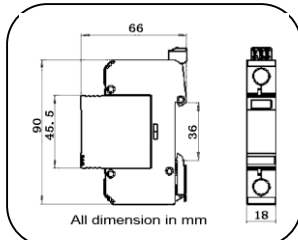
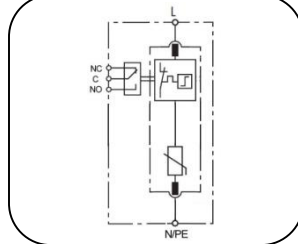


APS- SPD 1P LV CLASS 2 230VAC

V60/320-S



Dimension drawing



Basic circuit diagram

MAIN FEATURES

Type 2 AC surge arrester designed for low-voltage power supply system protection against surges at the boundaries from lightning protection zone 1-2 and higher.

- Comply with IEC 61643-11.
- MOV technology suitable for various protection application
- Pluggable design, easily replaced without any tools.
- High Discharge Capacity with 8/20 us waveform, I_{max} 60kA
- Visual status indication and remote signal contact available.

TECHNICAL SPECIFICATIONS

Part. No		V60/320-S
In accordance with		IEC 61643-11:2011; UL1449-4th
Category IEC / VDE		II/ C
Max. Continuous Operating Voltage (AC/DC)	U_c	320/420
Nominal Discharge Current (8/20)	I_n	30kA
Max. Discharge Current (8/20)	I_{max}	60kA
Voltage Protection Rating	I_n	<1.5kV
	VPR	<1.1kV
Response Time		≤25 ns
Follow Current		No
Backup Fuse (only if not provided by mains)		160A gL / gC
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		1 module, DIN 43880
Thermal Disconnecter		Internal green – normal; red – failure
Remote Alarm Contact		Optional
Approvals, Certifications		CE
Additional Data for Remote Alarm Contacts		
Remote Alarm Contact Type		Isolated Form C
Switching Capability U_n / I_n		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)