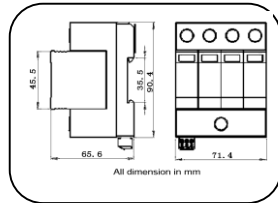
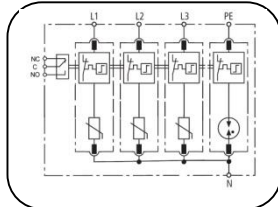


# APS- SPD LV 4P CLASS 2 230VAC

DT60/320-4V-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, apply to TT and TN systems ("3+1" circuit).
- Pluggable design, 4 poles, easily replaced with any tools.
- High Discharge Capacity with 8/20 us waveform, I<sub>max</sub> 60kA
- Visual status indication and remote signal contact available.

## TECHNICAL SPECIFICATIONS

Part. No		DT60/320-4V-S
In accordance with		IEC 61643-11:2011; UL1449-4th
Category IEC / VDE		II/ C
Max. Continuous Operating Voltage (AC/DC) U <sub>c</sub>	L – N (AC/DC)	320/420
	N – PE (AC)	255
Nominal Discharge Current (8/20) I <sub>n</sub>	L-N	30kA
	N-PE	30kA
Max. Discharge Current (8/20) I <sub>max</sub>	L-N	60kA
	N-PE	60kA
Voltage Protection Rating	L-N@I <sub>n</sub>	<1.5kV
	L-N@VPR	<1.1kV
	N-PE (1.2/50)	<1.5kV
Response Time	L-N	≤25 ns
	N-PE	≤100 ns
Follow Current	L-N	No
	N-PE	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 <sup>2</sup> ; multi-strand 25mm <sup>2</sup>
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 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 <sub>n</sub> / I <sub>n</sub>		AC: 250V/0.5A DC: 250V/0.1A; 125V/0.2A; 75V/0.5A
Max. Size of Connecting Wire		Max. 1.5mm <sup>2</sup> (or # 16AWG)



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