

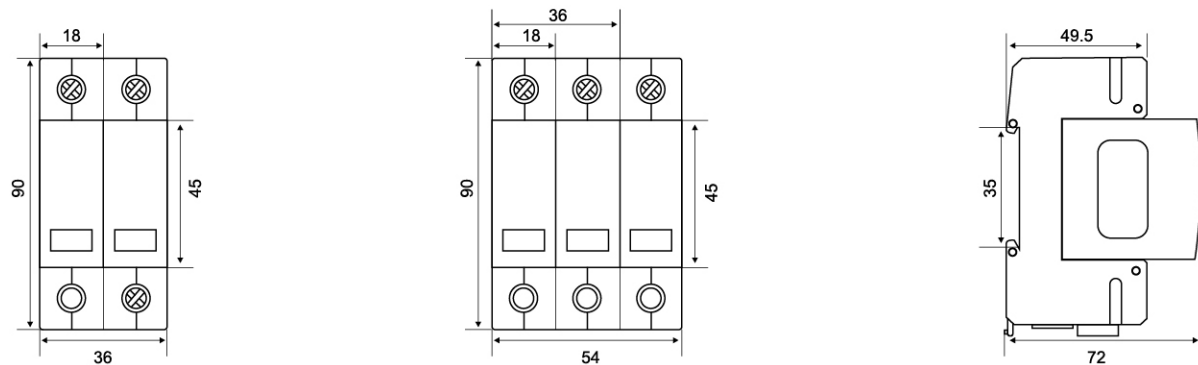
## MODEL AND SIGNIFICANCE

S	UP	2	-	H/1	/	□	X
Enterprise code	Surge protector device	Design Number		H:275V/500VDC H1:1000VDC H2:1200VDC H6:600VDC H8:800VDC		Maximum accommodating 40kA	Remote sensing

## GENERAL PARAMETERS

- Suitable for protection of electrical installations against [transient overvoltage] and [short-current] [lightning strikes] [over-heat]
- Plug-in module design
- Indication window and optional remote-signaling contact helps users to know the status of device

## DIMENSIONS (mm)



## DC surge protector

- SUP2H-PV/500VDC/2P
- SUP2H6-PV/600VDC/2P
- SUP2H8-PV/800VDC/2P
- SUP2H1-PV/1000VDC/3P
- SUP2H2-PV/1200VDC/3P
- SUP2-PV/1500VDC/3P



## ELECTRICAL PARAMETERS

Product Model	SUP2H-PV	SUP2H6-PV	SUP2H8-PV	SUP2H1-PV	SUP2H2-PV	SUP2-PV
Rated Operational Voltage/Ue(V)	48/110/130/150/220 275/300/360/500VDC	600VDC	800VDC	1000VDC	1200VDC	1500VDC
In(kA)8/20	20					
I <sub>max</sub> (kA)8/20	40					
Pole	2P			3P		
Up(kV)	0.6/1.2/1.6/2/2.6/2.8	2.8	3	3.6	4	5
Single P size	18*90*72					
Response time	<25					
Experimental classification	T2 Class					
SPD Type	Pressure limiting type					
Protection Level	IP20					
Insulation shell material	PBT/PA66					
Flame retardant grade	Compliant with UL94 V0					
Mounting	Easy installed and fastening onto 35mm device rail(DIN)					
Ambient Temperature	-40°C ~ +70°C					
Window indication	Normal: green; Failure: red					
Inspection standards	GB/T18802.2011 IEC61643-31 UL1449 ed2 EN61643-31					

## INSTALLATION PRECAUTIONS

- In a medium without explosion risk and free of gases and dust(including conductive dust) sufficient to corrode metal and destroy insulation
- In the condition with no snow erosion
- It can be installed horizontally and vertically
- The magnetic field of the installation position shall not exceed 5 times the geomagnetic field in any direction;
- It should not be installed in flammable and explosive places
- There should be no significant impact and vibration at the installation place

