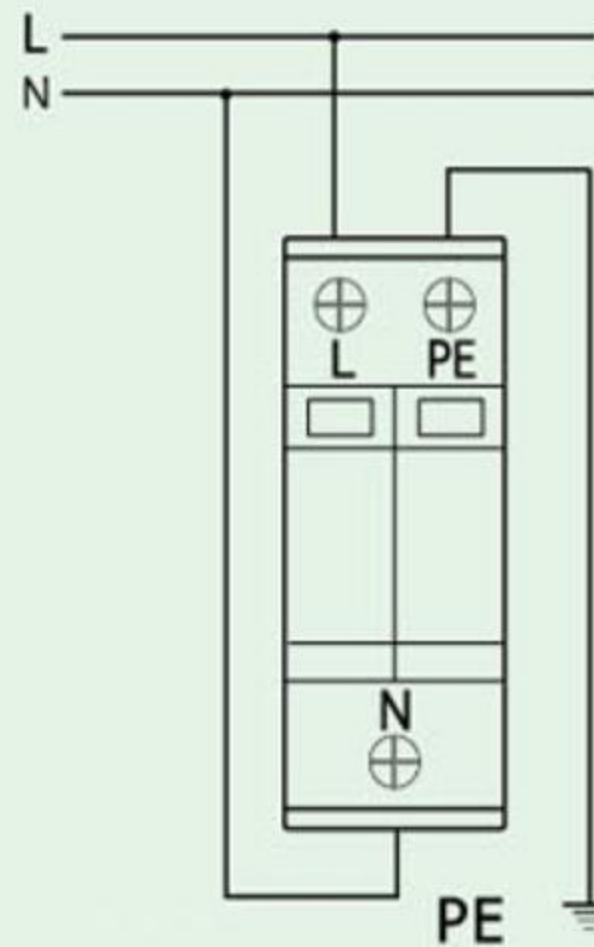
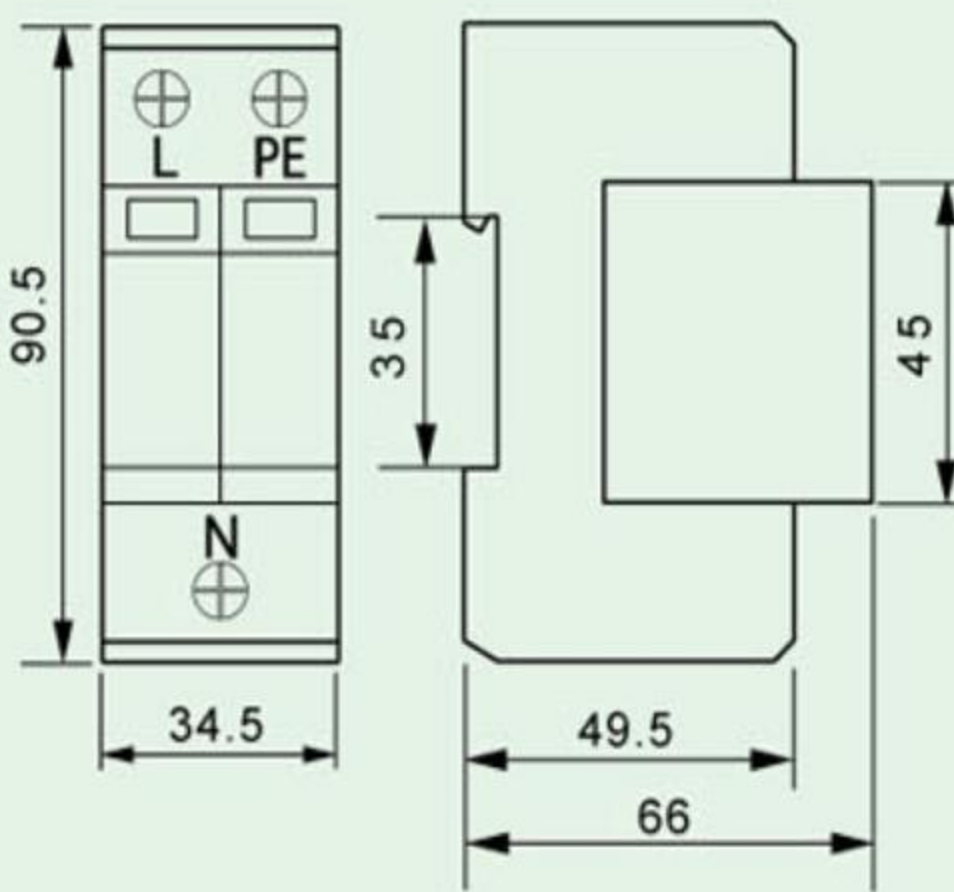


- ▲ Integrated design, expedient installation and simple maintenance. Products are applicable for interface LPZ1-LPZ2 (lightning protection zones)
- ▲ The core parts are metal oxide varistor with high discharge capacity & reliable quality
- ▲ Low residual voltage, fast response time
- ▲ Thermo Dynamic control disconnecter can automatically cutoff the circuit to protect from fire accident entirely
- ▲ The status indicator can indicate operating status syllabify and straightly. Remote alert function makes your control easy
- ▲ Products can be connected into a 4-module mode, fitting of various power network systems
- ▲ Plug-in protection module can be replaced easily when it is failed



Dimensions Drawing (mm)

Installation Diagram

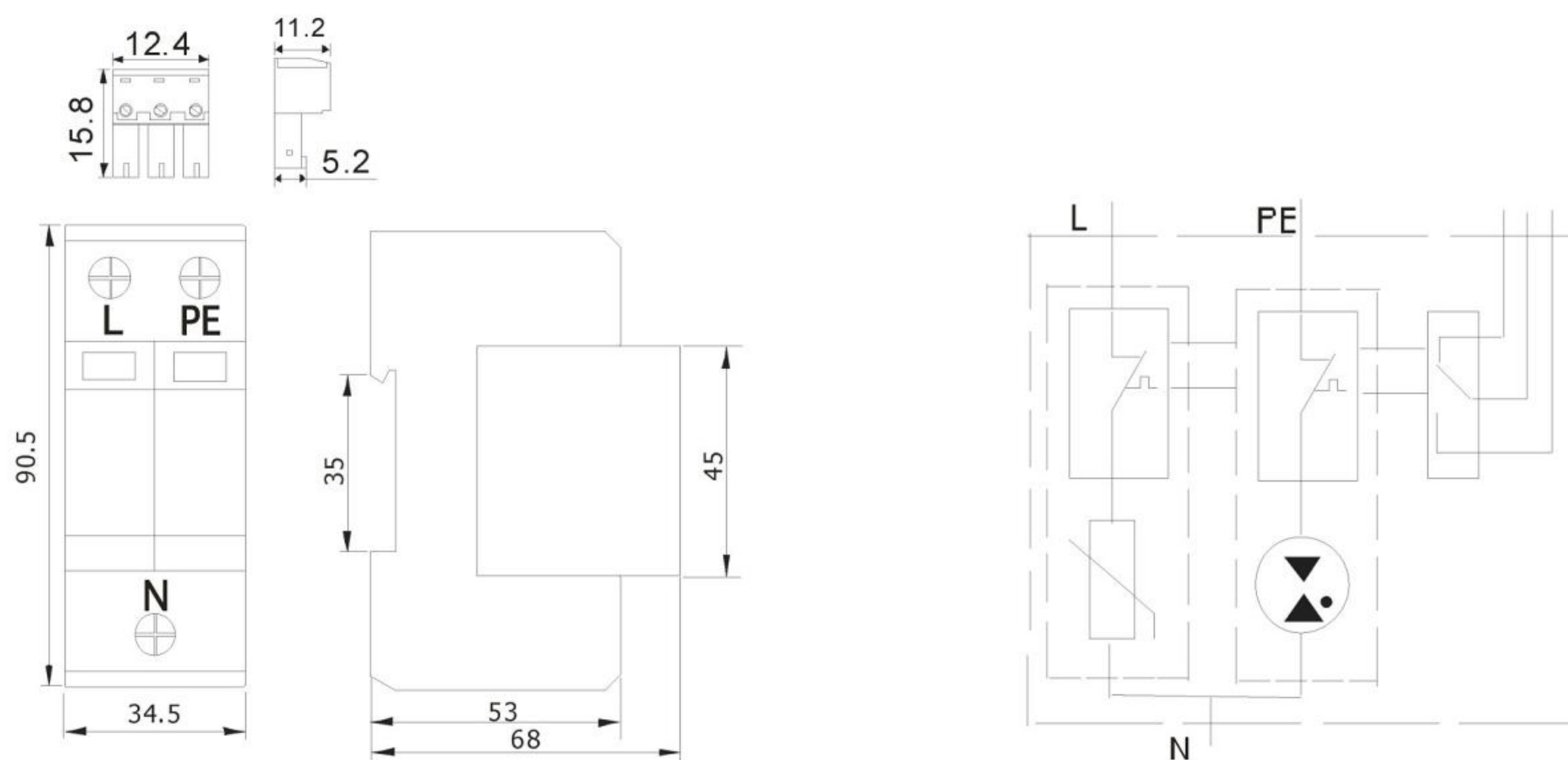
Technical Parameters	Parameter Value	Model No.				
		FP20C/1+ NPE-250	FP20C/1+ NPE-275	FP20C/1+ NPE-320	FP20C/1+ NPE-385	FP20C/1+ NPE-420
Max. continuous operating voltage	Uc (V)	250V	275V	320V	385V	420V
Voltage protection level	L-N(20kA)Up	< 1.2kV	< 1.2kV	< 1.5kV	< 1.8kV	< 2.0kV
Power network system		TT/TN-S				
Nominal discharge current	In (8/20 μs)	20kA				
Max. discharge current	Imax (8/20 μs)	40kA				
Operating temperature range		-40℃ ~+85℃				
Relative humidity(at room temperature)		< 95%				
Insulation resistance		>10 ³ MΩ				
Test standards		IEC 61643-1:1998				
Mounting on		35mm ² DIN rail				
Degrees of protection		IP20				

For any alteration of above information, please refer to the Product Specification.

Type	Your Ref.	Material No.	Design	Version
FP20C/1+NPE-385		SPD.FP20C. 11.385k7.AK18		A-2

Physical parameters:

Unit : mm



Technical parameters

Type of Network	TT/TN-S		
Rated Voltage (Max. Cont. Operating Voltage)	Uc	385V	
Nominal Discharge current(8/20μs)	In	20kA	
Maximum discharge current	Imax	40kA	
Voltage protection level(at20kA)	L-N	Up	≤1.8kV
	N-PE		≤1.5kV
Isolation resistance	R _{isol}	>10 ³ MΩ	
Relative Humidity(at room temperature)	≤95%		
Test standards	IEC 61643-1:1998		
Dimension:Length×Width×Height	See drawing		
I/O Connections	10mm ² (power supply); 16mm ² (earthing)		
Operation temperature range	-40℃~+80℃		
Mounting	Symmetrical rail (EN50022/DIN46277-3)		
Degree of protection	IP20		
Disconnection indicator	Mechanical indicator		

Packing

Outer packaging	Weight:14 (Kg)	Dimension: 40.5*34.5*18cm ³	Total: 60 pcs
Inner Packaging	2 Pcs / package		

Confirmed by client

Authorized Signature:

Approved by FINE POWER

Authorized Signature:

Date