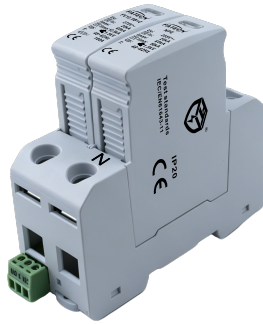
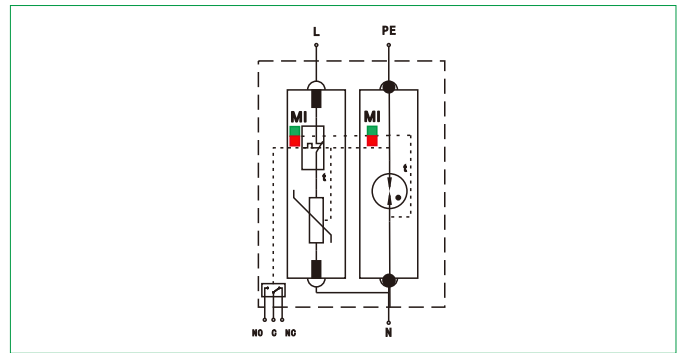
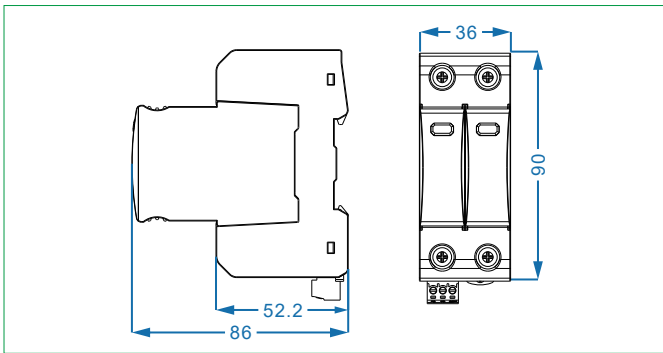


FV12.5B+C/1+NPE-***EN (S)



- ◆ Class I+II / Type 1+2 surge protective devices.
- ◆ For using in the lightning protection zones concept at boundary 1-2.
- ◆ The core parts are metal oxide varistor components with high discharge capacity.
- ◆ Reliable control thanks to Thermo Dynamic Control disconnecter.
- ◆ With remote signaling contact for control device.
- ◆ Fault indication via red mark in the inspection window.
- ◆ Protection mode --- L-N,N-PE.



Model No.	FV12.5B+C/1+NPE-275EN (S)		
Test class IEC/EN/VDE	Class I+II/B+C/ T1 T2		
Type of Network	TT		
Protection Mode	L - N , N - PE		
Nominal voltage 50(60)Hz U _N	220/380V~		
Rated Voltage (Max. Cont. Operating Voltage) U _c	L-N:275V~ N-PE:255V~		
Impulse current (10/350μs) I _{imp}	L-N:12.5kA N-PE:50kA		
Max. discharge current (8/20μs) I _{max}	65kA		
Nominal discharge current (8/20μs) I _n	20kA		
Voltage protective level U _p	L-N	≤1.5kV	
	N-PE	≤1.5kV	
Response time t _a	L-N:≤25ns, N-PE:≤100ns		
Recommended back-up fuse	160A		
Isolation resistance	>10 ² MΩ		
I/O Connections	Multi core wire:6mm ² ~25mm ²		
Mounting	35mm DIN rail acc.to EN 60715		
Operation temperature range / humidity / altitude	-40°C~+80°C/30%~90%/2000m		
Degree of protection	IP20		
Housing material	UL94 V-0		
Disconnection indicator	Mechanical indicator(Green:OK,Red:Replace)		
Remote control contact	Optinal		
Module is pluggable	L-N: Pluggable, N-PE: Unpluggable		

Port definition of remote control contact	Range of signal access		Recommended wire specification	
	AC	U _{max} ≤ 250V	Single core wire	Max ≤ 1.5mm ²
		I _{max} ≤ 0.5A		
	DC	U _{max} ≤ 60V	Multi core wire	Max ≤ 1.3mm ²
		I _{max} ≤ 0.1A		

Remark: if the model number is without "S", the model is without remote control contact function