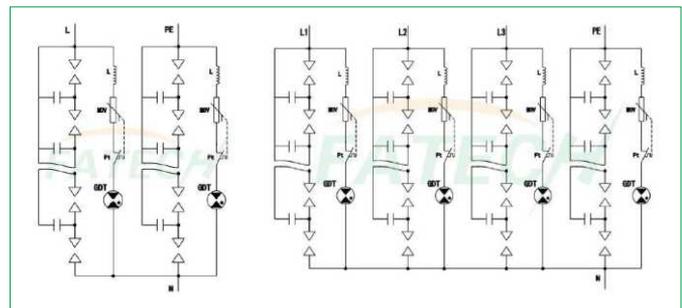
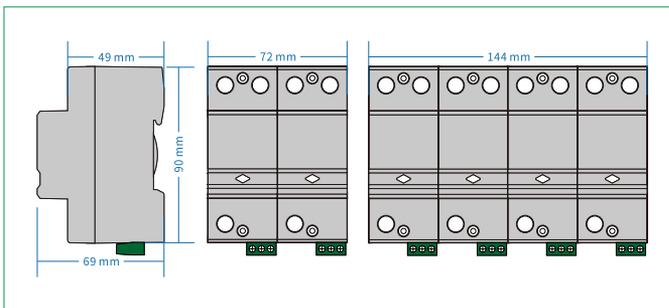


FV25B/* +NPE-255 (S)



- ◆ Type 1+2 25kA@10/350μs 1 phase lightning arrester.
- ◆ With indication window and remote control contacts.
- ◆ Unique designing, patent technology.
- ◆ Used in the lightning protection zones concept at boundary LPZ0B-LPZ1.
- ◆ The core parts are multilayer spark gap with high discharge capacity.
- ◆ Low residual voltage.
- ◆ Protection mode: L-N,N-PE.

Low-voltage Power System



Model No.	FV25B/1+NPE-255 (S)	FV25B/3+NPE-255 (S)
Test class IEC/EN/VDE	Class I+II/B+C/	
Type of Network	TT	
Protection modes	L - N , N - PE	
Nominal voltage 50(60)Hz UN	230V~	230/440V~
Rated Voltage (Max. Cont. Operating Voltage) UC	255V~	255V~
Impulse current (10/350μs) [L - N]/[N - PE] Iimp	≥25/50kA	≥25/100kA
Nominal discharge current (8/20μs) [L - N]/[N - PE] In	≥25/50kA	≥25/100kA
Voltage protective level Up	≤1.5kV	≤1.5kV
Response time tA	≤100ns	
Recommended back-up fuse	315A	
Isolation resistance	>10 ² MΩ	
I/O Connections	Multi core wire:16mm ² ~25mm ² , Single core wire:16mm ² ~35mm ²	
Mounting	Symmetrical rail(EN50022/DIN46277-3)	
Operation temperature range / humidity / altitude	-40°C~+80°C / 30%~90% / 3000m	
Degree of protection	IP20	
Housing material	UL94 V-0	
Disconnection indicator	Mechanical indicator (Green: OK, Red: replace)	
Remote control contact	Optional	

Port definition of remote control contact	Range of signal access		Recommended wire specification	
	AC	U _{max} ≤250V	Single core wire	Max≤1.3mm 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