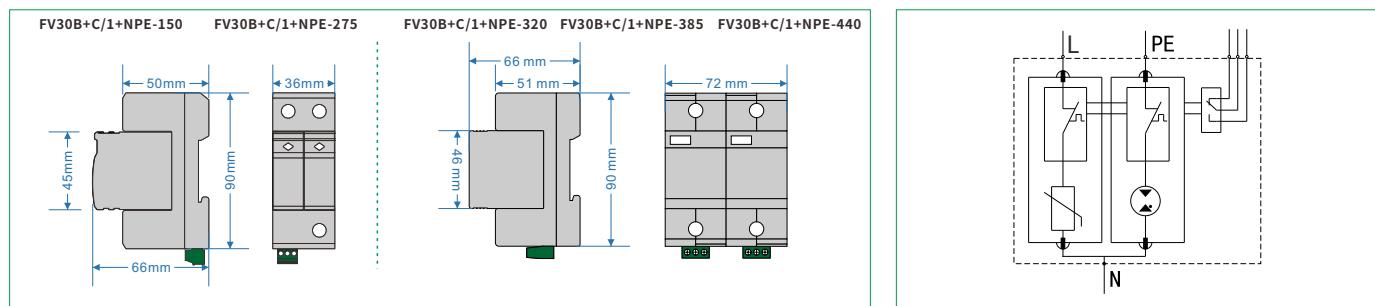


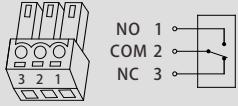
FV30B+C/1+NPE -***(S)



- ◆ Consisting of a base part and MOV + GDT pluggable protection modules.
- ◆ For using in the lightning protection zones concept at boundary 1-2.
- ◆ The core parts are metal oxide varistor components with high discharge capacity.
- ◆ Low residual voltage and quick response.
- ◆ Reliable control thanks to Thermo Dynamic Control disconnector.
- ◆ With remote signaling contact for control device.
- ◆ Fault indication via red mark in the inspection window.
- ◆ Protection mode: L-N,N-PE.



Model No.	FV30B+C/3+NPE-150(S)	FV30B+C/3+NPE-275(S)	FV30B+C/3+NPE-320(S)	FV30B+C/3+NPE-385(S)	FV30B+C/3+NPE-440(S)
Test class IEC/EN/VDE	Class I+II/B+C/ <input checked="" type="checkbox"/> T1 <input type="checkbox"/> T2				
Type of Network	TT				
Protection Mode	L - N, N - PE				
Nominal voltage 50(60)Hz U _n	110/220V~	220/380V~	220/380V~	220/380V~	220/380V~
Rated Voltage (Max. Cont. Operating Voltage) U _c	150V~	275V~	320V~	385V~	440V~
Impulse current (10/350μs) I _{imp}	7kA				
Max. discharge current (8/20μs) I _{max}	60kA				
Nominal discharge current (8/20μs) I _n	30kA				
Voltage protective level U _p	L-N ≤0.9kV	≤1.5kV	≤1.8kV	≤2.0kV	≤2.2kV
	N-PE ≤1.5kV	≤1.5kV	≤1.5kV	≤1.5kV	≤1.5kV
Response time t _A	L-N:≤25ns, N-PE:≤100ns				
Recommended back-up fuse	160A				
Isolation resistance	>10 ⁹ MΩ				
I/O Connections	Multi core wire: 4mm ² ~25mm ²				
Mounting	35mm 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≤1.5mm 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