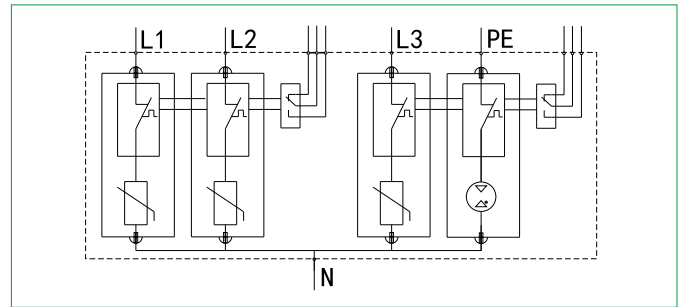
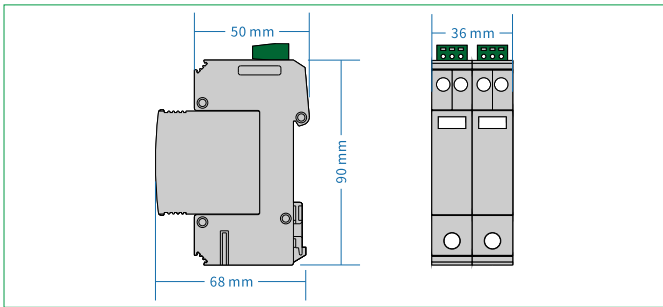


FVC10D/3+NPE -*** (S)



- ◆ Narrow size surge protective device special design for saving installation space--- width 9mm/pole.
- ◆ High discharge current--- I_{max} 20kA per pole.
- ◆ Indication window for clear display of SPD status--- each pole with one indication window.
- ◆ Remote controlling function -for your option.
- ◆ Pluggable module--- convenient for maintenance.
- ◆ Protection mode --- L1,L2,L3-N,N-PE.
- ◆ 3 phase, 4 poles.

Low-voltage Power System



Model No.	FVC10D/3+NPE-150(S)	FVC10D/3+NPE-275(S)	FVC10D/3+NPE-320(S)	FVC10D/3+NPE-385(S)	FVC10D/3+NPE-440(S)	
Test class IEC/EN/VDE	Class II+III/C+D/ $\overline{T2}$ $\overline{T3}$					
Type of Network	TT					
Protection Mode	L1 , L2 , L3 - 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~	
Max. discharge current (8/20μs) I _{max}	20kA					
Nominal discharge current (8/20μs) I _n	10kA					
Voltage protective level U _p	L-N	≤0.6kV	≤1.2kV	≤1.5kV	≤1.8kV	≤2.0kV
	N-PE	≤1.5kV	≤1.5kV	≤1.5kV	≤1.5kV	≤1.5kV
Open circuit voltage U _{oc}	20kV					
Response time t _a	L-N:≤25ns , N-PE≤100ns					
Recommended back-up fuse	63A					
Isolation resistance	>10 ² MΩ					
I/O Connections	L-N	Multi core wire: 1.5mm ² ~10mm ²				
	PE	Multi core wire: 2.5mm 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 (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