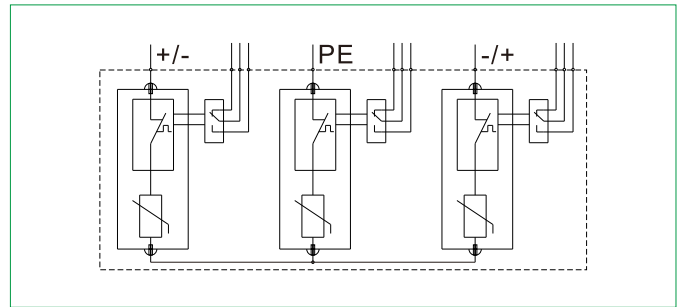
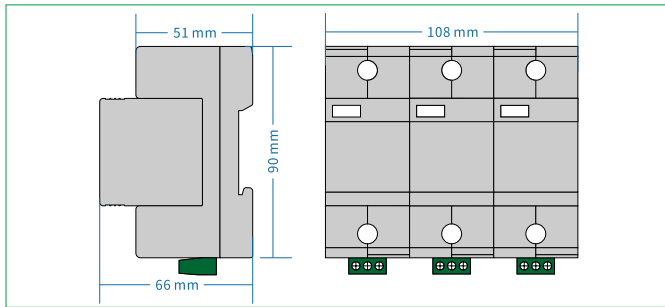


FV30B+C/3-***PV (S)



- ◆ DC surge protective device used for photovoltaic system.
- ◆ The core parts are metal oxide varistor components with high discharge capacity.
- ◆ With Reliable control thanks to Thermo Dynamic Control disconnecter.
- ◆ Remote signaling contact for control device optional.
- ◆ Fault indication via red mark in the inspection window.
- ◆ 3 poles, Y type.



Model No.	FV30B+C/3-800PV (S)	FV30B+C/3-1000PV (S)	FV30B+C/3-1500PV (S)
Test class IEC/EN/VDE	Class I+II/B+C/ T_1 T_2		
Type of Network	Photovoltaic system		
Protection Mode	+/- — PE 、 -/+ — PE 、 +/- — -/+		
Nominal voltage 50(60)Hz U_N	800V dc	1000V dc	1500V dc
Rated Voltage (Max. Cont. Operating Voltage) $U_{c,pv}$	825V dc	1060V dc	1800V dc
Max. discharge current (8/20 μ s) I_{max}	60kA		
Nominal discharge current (8/20 μ s) I_n	30kA		
Impulse current (10/350 μ s) I_{imp}	7kA		
Voltage protective level U_p	$\leq 3.6kV$	$\leq 4.0kV$	$\leq 6.0kV$
Response time t_A	$\leq 25ns$		
Recommended back-up fuse	160A		
Isolation resistance	$> 10^2 M\Omega$		
I/O Connections	Multi core wire: $6mm^2 \sim 35mm^2$		
Mounting	35mm Symmetrical rail (EN50022/DIN46277-3)		
Operation temperature range / humidity / altitude	$-40^\circ C \sim +80^\circ C$ / 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	$U_{max} \leq 250V$	Single core wire	Max $\leq 1.5mm^2$
		$I_{max} \leq 0.5A$		
	DC	$U_{max} \leq 60V$	Multi core wire	Max $\leq 1.3mm^2$
		$I_{max} \leq 0.1A$		

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