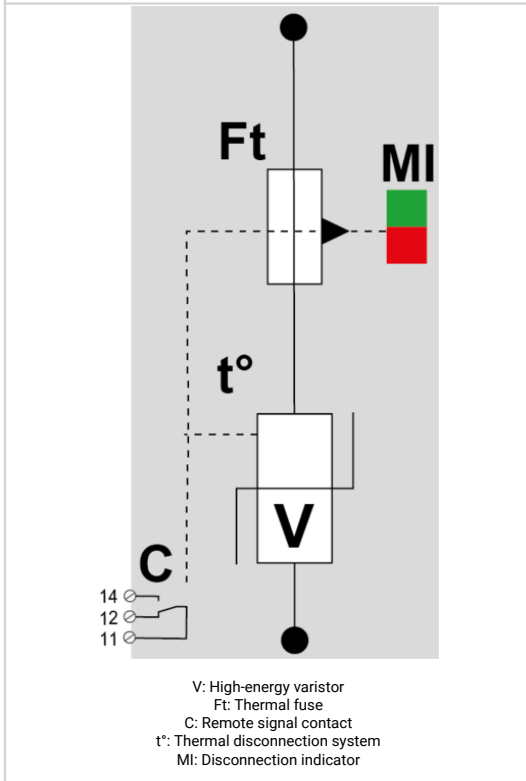
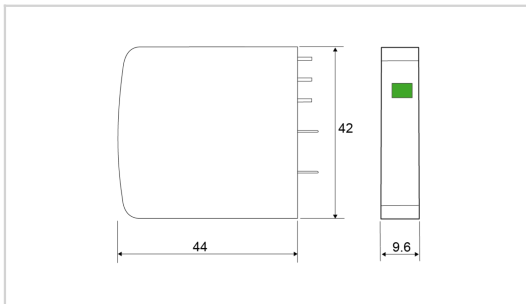


## PPV25S-10-300



- ✦ Type 2 surge protector for Photovoltaic
- ✦ PCB mounting
- ✦ I<sub>max</sub>: 25 kA
- ✦ Remote signaling
- ✦ EN 50539-11 and IEC 61643-31 compliance\*



Electrical Characteristics			
SPD type	IEC	2	
Nominal PV voltage	Uocstc	600 Vdc	
Max. PV operating voltage	Ucpv	300 Vdc	
Max. PV operating voltage (star mounting)	Ucpv	600 Vdc	
Residual Current Leakage current to Ground	I <sub>pe</sub>	None	
PV Permanent Operating current Current consumption at Ucpv	I <sub>cpv</sub>	< 0.1 mA	
Follow current	I <sub>f</sub>	None	
Nominal discharge current 15 x 8/20 μs impulses	I <sub>n</sub>	10 kA	
Max. discharge current max. withstand @ 8/20 μs by pole	I <sub>max</sub>	25 kA	
Current withstand short circuit PV	I <sub>scpv</sub>	15 000 A	
Connection mode(s)		+/-/PE	
Protection mode(s)		Common/Differential mode	
Protection level @ I <sub>n</sub> (8/20μs)	U <sub>p</sub>	1.1 kV	
Protection level (star mounting) (+/-) / (+/PE or -/PE) @ I <sub>n</sub> (8/20μs)	U <sub>p</sub>	2.2 kV	
Protection level +/- @ I <sub>n</sub> (8/20μs)	U <sub>p</sub>	5.1 kV	
Protection level +/-PE (-/PE) @ I <sub>n</sub> (8/20μs)	U <sub>p</sub>	2.5 kV	
Mechanical Characteristics			
Technology		MOV	
Connection to Network		Through soldering pins	
Format		Plug-in modular box	
Mounting		On Printed Circuit Board	
Housing material		Thermoplastic UL94 V-0	
Operating temperature	T <sub>u</sub>	-40/+85°C	
Protection rating		IP20	
Failsafe mode		Disconnection SPD of the PV line	
Disconnection indicator		1 mechanical indicator	
Spare module(s)		DSM50PV-600	
Remote signaling of disconnection		Output on changeover contact	
Dimensions		See diagram	
Weight		0.025 kg	
Weight		0.051 kg	
Disconnectors			
Thermal disconnector		Internal	
Back-up protection device		Without	
Standards			
Standards compliance		IEC 61643-31 / EN 50539-11 *The standard cover devices. PPV/PAC series are components. Compliant when combined is an assembly.	
Part number			
8721210			