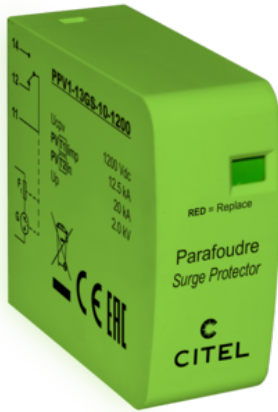




Type 1+2 PV Surge Protector for PCB mounting

CITEL

PPV1-13GS-1200



- Type 1+2 surge protector for Photovoltaic
- PCB mounting
- $I_{imp} : 12.5 \text{ kA} (10/350 \mu\text{s})$
- Remote signaling
- EN 50539-11 and IEC 61643-31 compliance*



	Electrical Characteristics	
	SPD type	1+2
	Max. PV operating voltage	Ucpv 1200 Vdc
	PV Permanent Operating current <i>Current consumption at Ucpv</i>	Icpv < 0.1 mA
	Nominal discharge current <i>15 x 8/20 μs impulses</i>	In 20 kA
	Impulse current by pole <i>max. withstand 10/350μs by pole</i>	Iimp 12.5 kA
	Current withstand short circuit PV	Iscpv 15 000 A
	Protection level <i>@ In (8/20μs)</i>	Up 2 kV
	Protection level (star mounting) <i>(+/-) / (+/PE or -/PE) @ In (8/20μs)</i>	Up 4 kV
	Mechanical Characteristics	
	Technology	Gas discharge tube
	Connection to Network	Through soldering pins
Mounting	On Printed Circuit Board	
Housing material	Thermoplastic UL94 V-0	
Operating temperature	Tu -40/+85°C	
Protection rating	IP20	
Disconnection indicator	Mechanical indicator	
Remote signaling of disconnection	Output on changeover contact	
Dimensions	See diagram	
Weight	0.033 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		
8724608		

