



CITEL

Type 2 PV Surge Protector for PCB mounting

PPV25S-10-150



- Type 2 surge protector for Photovoltaic
- PCB mounting
- I_{max}: 25 kA
- Remote signaling
- EN 50539-11 and IEC 61643-31 compliance*



Electrical Characteristics		
SPD type		2
Max. PV operating voltage	U _{cpv}	150 Vdc
Max. PV operating voltage (star mounting)	U _{cpv}	300 Vdc
PV Permanent Operating current <i>Current consumption at U_{cpv}</i>	I _{cpv}	< 0.1 mA
Nominal discharge current <i>15 x 8/20 μs impulses</i>	I _n	10 kA
Max. discharge current <i>max. withstand @ 8/20 μs by pole</i>	I _{max}	25 kA
Current withstand short circuit PV	I _{scpv}	15 000 A
Protection level <i>@ I_n (8/20μs)</i>	U _p	0.6 kV
Protection level (star mounting) <i>(+/-) / (+/PE or -/PE) @ I_n (8/20μs)</i>	U _p	1.2 kV
Mechanical Characteristics		
Technology		MOV
Connection to Network		Through soldering pins
Mounting		On Printed Circuit Board
Housing material		Thermoplastic UL94 V-0
Operating temperature	T _u	-40/+85°C
Protection rating		IP20
Disconnection indicator		1 mechanical indicator
Remote signaling of disconnection		Output on changeover contact
Dimensions		See diagram
Weight		0.020 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		
8721211		

