



Type 2 PV Surge Protector for PCB mounting

CITEL

PPV25S-10-750



- 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} 750 Vdc
	Max. PV operating voltage (star mounting)	U _{cpv} 1500 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 2.6 kV
	Protection level (star mounting) <i>(+/-) / (+/PE or -/PE) @ I_n (8/20μs)</i>	U _p 5.2 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	0.023 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		
8721205		

V: High-energy varistor
 Ft: Thermal fuse
 C: Remote signal contact
 t°: Thermal disconnection system
 MI: Disconnection indicator

