



# Type 2 PV Surge Protector for PCB mounting

# CITEL

## PPV25S-10-600



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



	<b>Electrical Characteristics</b>	
	SPD type	2
	Max. PV operating voltage	U <sub>cpv</sub> 600 Vdc
	Max. PV operating voltage (star mounting)	U <sub>cpv</sub> 1200 Vdc
	PV Permanent Operating current <i>Current consumption at U<sub>cpv</sub></i>	I <sub>cpv</sub> < 0.1 mA
	Nominal discharge current <i>15 x 8/20 μs impulses</i>	I <sub>n</sub> 10 kA
	Max. discharge current <i>max. withstand @ 8/20 μs by pole</i>	I <sub>max</sub> 25 kA
	Current withstand short circuit PV	I <sub>scpv</sub> 15 000 A
	Protection level <i>@ I<sub>n</sub> (8/20 μs)</i>	U <sub>p</sub> 2 kV
	Protection level (star mounting) <i>(+/-) / (+/PE or -/PE) @ I<sub>n</sub> (8/20 μs)</i>	U <sub>p</sub> 4 kV
	<b>Mechanical Characteristics</b>	
	Technology	MOV
	Connection to Network	Through soldering pins
	Mounting	On Printed Circuit Board
	Housing material	Thermoplastic UL94 V-0
	Operating temperature	T <sub>u</sub> -40/+85°C
	Protection rating	IP20
	Disconnection indicator	1 mechanical indicator
	Remote signaling of disconnection	Output on changeover contact
	Dimensions	See diagram
	Weight	0.041 kg
	<b>Disconnectors</b>	
	Thermal disconnector	Internal
	Back-up protection device	Without
	<b>Standards</b>	
	Standards compliance	IEC 61643-31 / EN 50539-11 *The standard cover devices. PPV /PAC series are components. Compliant when combined is an assembly.
	<b>Part number</b>	
	8721203	

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

