



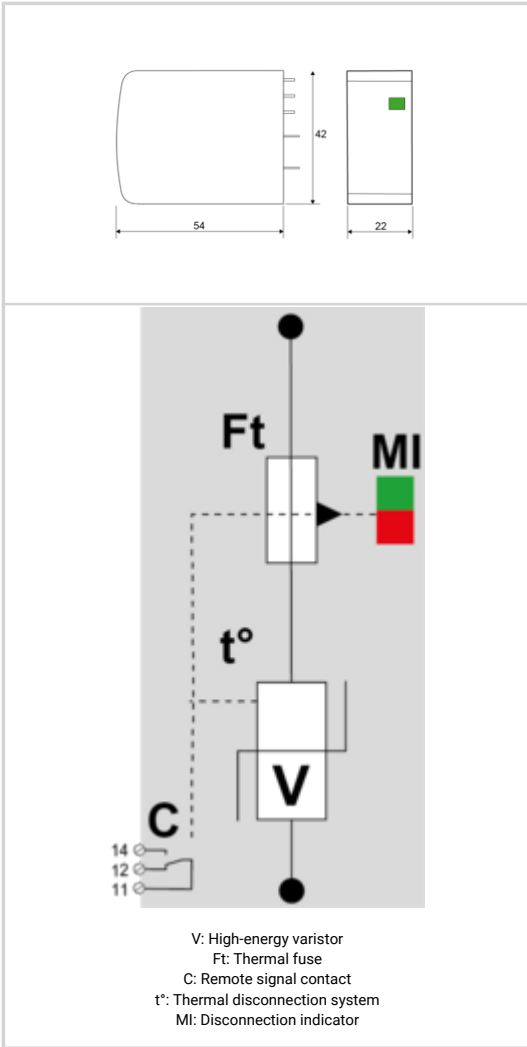
# Type 1+2 PV Surge Protector for PCB mounting

# CITEL

## PPV1-6S-10-600



- Type 1+2 surge protector for Photovoltaic
- PCB mounting
- $I_{imp}$  : 6.25 kA (10/350  $\mu$ s)
- Remote signaling
- EN 50539-11 and IEC 61643-31 compliance\*



Electrical Characteristics		
SPD type		1+2
Max. PV operating voltage	Ucpv	600 Vdc
Max. PV operating voltage (star mounting)	Ucpv	1200 Vdc
PV Permanent Operating current Current consumption at Ucpv	Icpv	< 0.1 mA
Nominal discharge current 15 x 8/20 $\mu$ s impulses	In	20 kA
Impulse current by pole max. withstand 10/350 $\mu$ s by pole	Iimp	6.25 kA
Current withstand short circuit PV	Iscpv	15 000 A
Protection level @ In (8/20 $\mu$ s)	Up	2 kV
Protection level (star mounting) (+/-) / (+/PE or -/PE) @ In (8/20 $\mu$ s)	Up	4 kV
Mechanical Characteristics		
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
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		
8723203		

