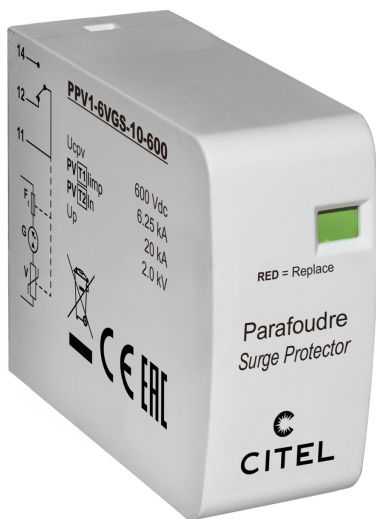




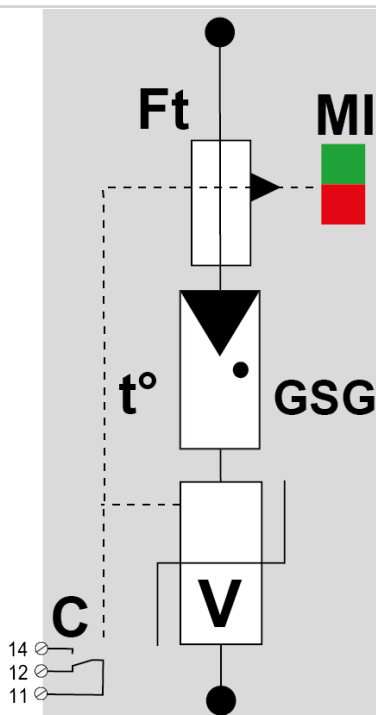
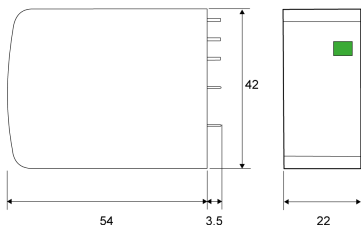
CITEL



Type 1+2 PV Surge Protector for PCB mounting

PPV1-6VGS-600

- Type 1+2 surge protector for Photovoltaic
- PCB mounting
- Iimp : 6.25 kA (10/350 µs)
- Remote signaling
- EN 50539-11 and IEC 61643-31 compliance*



V: High-energy varistor
GSG: Specific gas tube
Ft: Thermal fuse
C: Remote signaling contact
t°: Thermal disconnection system
MI: Disconnection indicator

Electrical Characteristics

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

Mechanical Characteristics

Technology	VG Technology (MOV+GSG)
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	0.084 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.
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Part number

8723403

