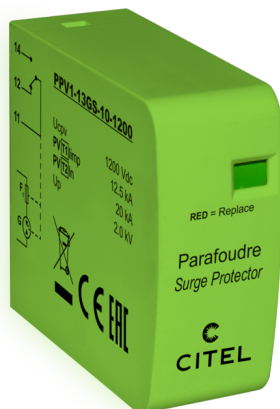
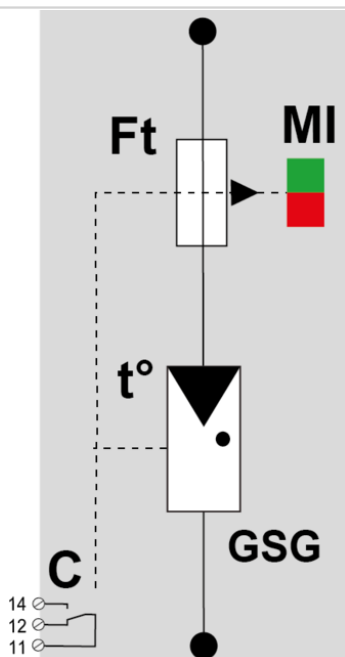
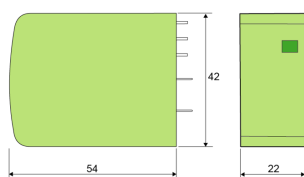


### PPV1-13GS-1200



- ✦ Type 1+2 surge protector for Photovoltaic
- ✦ PCB mounting
- ✦ Iimp : 12.5 kA (10/350 µs)
- ✦ Remote signaling
- ✦ EN 50539-11 and IEC 61643-31 compliance\*



#### Electrical Characteristics

SPD type	IEC	1+2
Max. PV operating voltage	Ucpv	1200 Vdc
PV Permanent Operating current	Icpv	< 0.1 mA
Current consumption at Ucpv		
Nominal discharge current	In	20 kA
15 x 8/20 µs impulses		
Impulse current by pole	Iimp	12.5 kA
max. withstand 10/350µs by pole		
Current withstand short circuit PV	Iscpv	15 000 A
Protection level	Up	2 kV
@ In (8/20µs)		
Protection level (star mounting)	Up	4 kV
(+/-) / (+/PE or -/PE) @ In (8/20µs)		

#### Mechanical Characteristics

Technology	Gas discharge tube
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	0.033 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

8724608