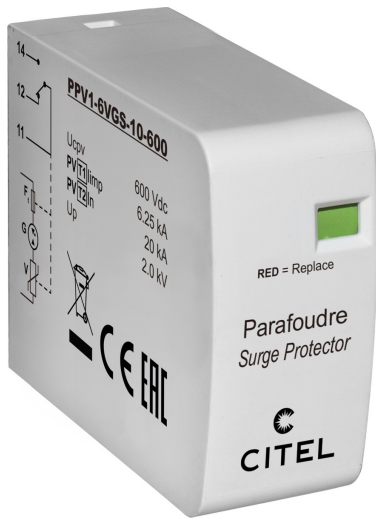




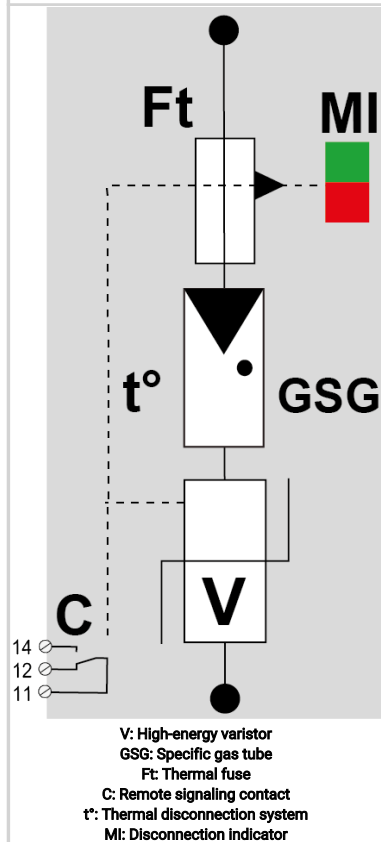
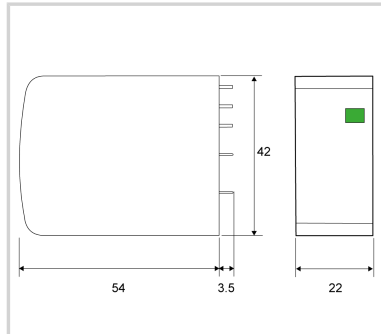
CITEL

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*



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 | In | 20 kA |
| 15 x 8/20 μs impulses | | |
| Impulse current by pole | Iimp | 6.25 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 | | 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. |
|----------------------|--|---|

Part number

8723403

