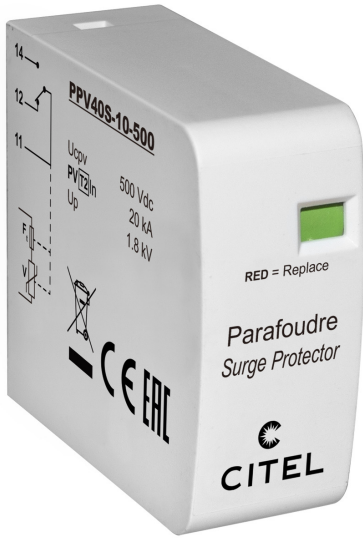




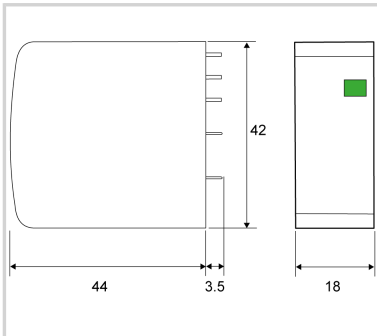
# CITEL

## Type 2 PV Surge Protector for PCB mounting

### PPV40S-10-500



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



| Electrical Characteristics   |                  |   |
|--|------------------|---|
| SPD type   | IEC              | 2   |
| Max. PV operating voltage  | Ucpv             | 500 Vdc   |
| Max. PV operating voltage (star mounting)                                | Ucpv             | 1000 Vdc  |
| PV Permanent Operating current<br>Current consumption at Ucpv            | Icpv             | < 0.1 mA  |
| Nominal discharge current<br>15 x 8/20 μs impulses                       | In               | 20 kA   |
| Max. discharge current<br>max. withstand @ 8/20 μs by pole               | I <sub>max</sub> | 40 kA   |
| Current withstand short circuit PV                                       | Iscpv            | 15 000 A  |
| Protection level<br>@ In (8/20μs)  | Up               | 1.8 kV  |
| Protection level (star mounting)<br>(+/-) / (+/PE or -/PE) @ In (8/20μs) | Up               | 3.6 kV  |
| Mechanical Characteristics   |                  |   |
| Technology   |                  | MOV   |
| 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  |                  | 1 mechanical indicator  |
| Remote signaling of disconnection  |                  | Output on changeover contact  |
| Dimensions   |                  | See diagram   |
| Weight   |                  | 0.051 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  |                  |   |
| 8722202  |                  |   |

