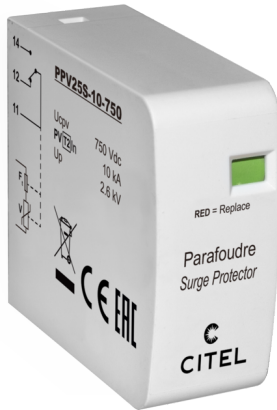
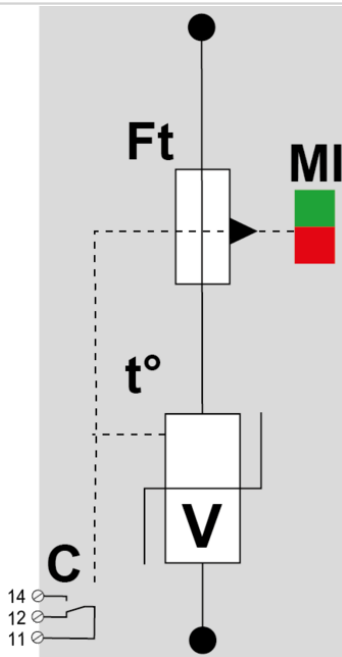
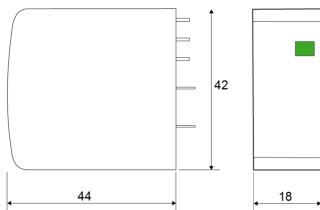


PPV25S-10-750



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



V: High-energy varistor  
 Ft: Thermal fuse  
 C: Remote signal contact  
 t\*: Thermal disconnection system  
 MI: Disconnection indicator

Electrical Characteristics

|  |                   |          |
|--|-------------------|----------|
| SPD type   | IEC               | 2        |
| Max. PV operating voltage  | U <sub>cpv</sub>  | 750 Vdc  |
| Max. PV operating voltage (star mounting)  | U <sub>cpv</sub>  | 1500 Vdc |
| PV Permanent Operating current<br>Current consumption at U <sub>cpv</sub>            | I <sub>cpv</sub>  | < 0.1 mA |
| Nominal discharge current<br>15 x 8/20 μs impulses                                   | I <sub>n</sub>    | 10 kA    |
| Max. discharge current<br>max. withstand @ 8/20 μs by pole                           | I <sub>max</sub>  | 25 kA    |
| Current withstand short circuit PV   | I <sub>scpv</sub> | 15 000 A |
| Protection level<br>@ I <sub>n</sub> (8/20μs)  | U <sub>p</sub>    | 2.6 kV   |
| Protection level (star mounting)<br>(+/-) / (+/PE or -/PE) @ I <sub>n</sub> (8/20μs) | U <sub>p</sub>    | 5.2 kV   |

Mechanical Characteristics

|                                   |                |                              |
|-----------------------------------|----------------|------------------------------|
| Technology                        |                | MOV                          |
| Connection to Network             |                | Through soldering pins       |
| Mounting                          |                | On Printed Circuit Board     |
| Housing material                  |                | Thermoplastic UL94 V-0       |
| Operating temperature             | T <sub>u</sub> | -40/+85°C                    |
| Protection rating                 |                | IP20                         |
| Disconnection indicator           |                | 1 mechanical indicator       |
| Remote signaling of disconnection |                | Output on changeover contact |
| Dimensions                        |                | See diagram                  |
| Weight                            |                | 0.023 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

|             |  |         |
|-------------|--|---------|
| Part number |  | 8721205 |
|-------------|--|---------|

