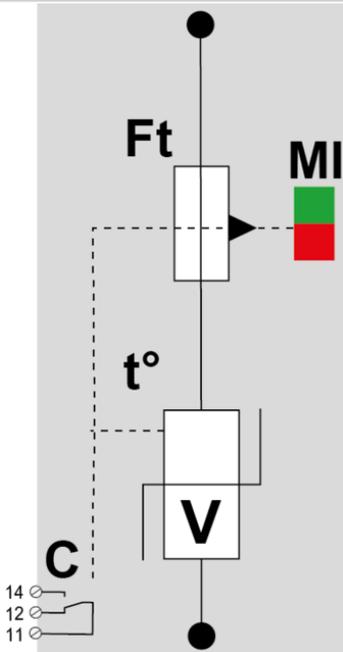
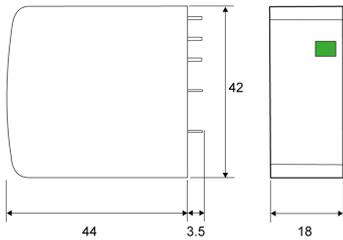


- ✦ Type 2 surge protector for Photovoltaic
- ✦ PCB mounting
- ✦ I_{max}: 25 kA
- ✦ Remote signaling
- ✦ EN 50539-11 and IEC 61643-31 compliance*



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 _{cpv} | 750 Vdc |
| Max. PV operating voltage (star mounting) | U _{cpv} | 1500 Vdc |
| PV Permanent Operating current Current consumption at U _{cpv} | I _{cpv} | < 0.1 mA |
| Nominal discharge current 15 x 8/20 μs impulses | I _n | 20 kA |
| Max. discharge current max. withstand @ 8/20 μs by pole | I _{max} | 40 kA |
| Current withstand short circuit PV | I _{scpv} | 15 000 A |
| Protection level @ I _n (8/20μs) | U _p | 2.6 kV |
| Protection level (star mounting) (+/-) / (+/PE or -/PE) @ I _n (8/20μs) | U _p | 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 _u | -40/+85°C |
| Protection rating | | IP20 |
| Disconnection indicator | | 1 mechanical indicator |
| Remote signaling of disconnection | | Output on changeover contact |
| Dimensions | | See diagram |

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

8722205