

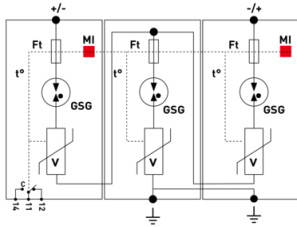
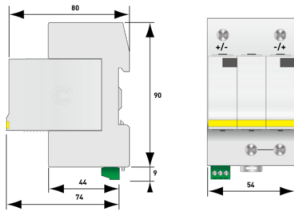


CITEL

DS50VGPVS-1000



- ▷ DC SPD for PV Systems
- VG Technology for Maximum Performance
- Zero Leakage Current
- Zero Current Working
- I_{max} : 40kA/pole at 8/20μs
- I_n : 20kA/pole at 8/20μs



V: High-energy varistor
 GSG: Specific gas tube
 Ft: Thermal fuse
 C: Remote signaling contact
 t*: Thermal disconnection system
 MI: Disconnection indicator

| Electrical Characteristics | | |
|----------------------------|------|--|
| POWER SPD TYPE | | UL1449 TYPE 1 CA |
| VOLTS | (V) | 1000 |
| AC/DC/DC PV/RF | | DC PV |
| PHASE | (PH) | - |
| AMPS | (A) | N/A |
| AMBIENT MIN | (C) | -35 |
| AMBIENT MAX | (C) | +85 |
| MODES | | DC+G or DC-G |
| MCOV | (V) | 1000/1000/1000 |
| IN | | |
| 15 impulses 8/20μs | (kA) | 20 |
| SCCR | (kA) | 50 |
| Mechanical Characteristics | | |
| Technology | | VG Technology (MOV+GSG) |
| Connection to Network | | By screw terminals: 4-25mm ² |
| Format | | Plug-in modular box |
| Failsafe mode | | Disconnection SPD of the PV line |
| TECHNOLOGY | | MOV+GSG |
| NETWORK CONFIGURATION | | 3 poles, 2W+G |
| CONNECTION METHOD | | SPD-Screw Terminal (8-12AWG), Terminal blocks 6AWG |
| MOUNTING | | Din Rail |
| MATERIAL | | Thermoplastic UL94-V0 |
| NEMA RATING (IP RATING) | | NEMA 2 (IP20) |
| FAIL-SAFE BEHAVIOR | | Disconnection via fuse-link |
| REAL-TIME DIAGNOSTICS | | Visual indicator and remote contacts |
| DIMENSIONS | | See diagram |
| Standards | | |
| Certification | | UL |
| UL STANDARD | | UL1449 5th Edition |
| UL FILE NUMBER | | E326289 |
| Part number | | 480361 |

