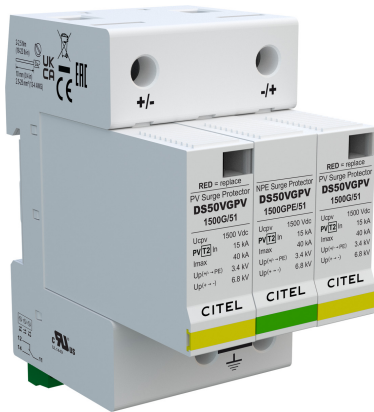


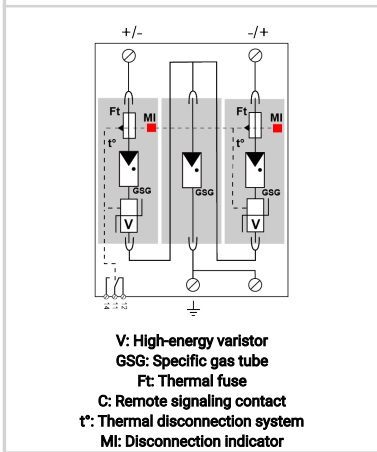
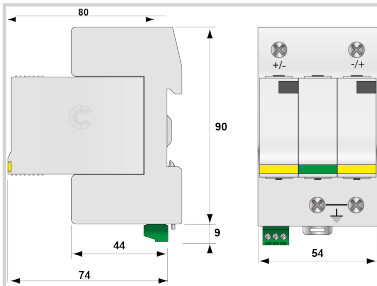


CITEL



DS50VGPVS-1500G/51

- ▶UL Type 1 CA 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 : IEC 20kA/pole, UL 10kA/pole at 8/20μs
- UL 1449 5th Edition Recognized



Electrical Characteristics		
Network		PV 1250 Vdc
Max. discharge current <i>max. withstand @ 8/20 μs by pole</i>	I _{max}	40 kA
Connection mode(s)		+/-/PE
Protection mode(s)		Common/Differential mode
Protection level +/-PE (-/PE) <i>@ I_n (8/20μs)</i>	U _p	3.4 kV
POWER SPD TYPE		UL1449 TYPE 1CA
VOLTS	(V)	1500
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
VPR	(V)	5000/3000/3000
MCOV	(V)	1500/1500/1500
I _N <i>15 impulses 8/20μs</i>	(kA)	10
SCCR	(kA)	50
Mechanical Characteristics		
Technology		VG Technology (MOV+GSG)
Connection to Network		By screw terminals: 2.5-25mm ²
Format		Plug-in modular box
Mounting		Symmetrical rail 35 mm (EN 60715)
Operating temperature	T _u	-40/+85°C
Protection rating		IP20
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		cRUus
UL STANDARD		UL1449 5th Edition
UL FILE NUMBER		E326289
Part number		481511

