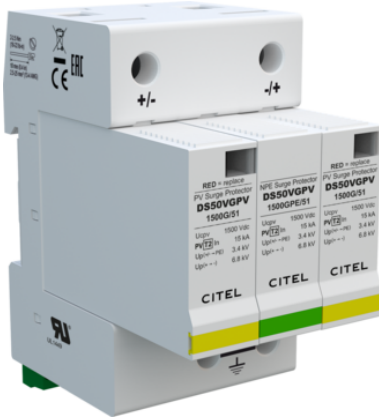
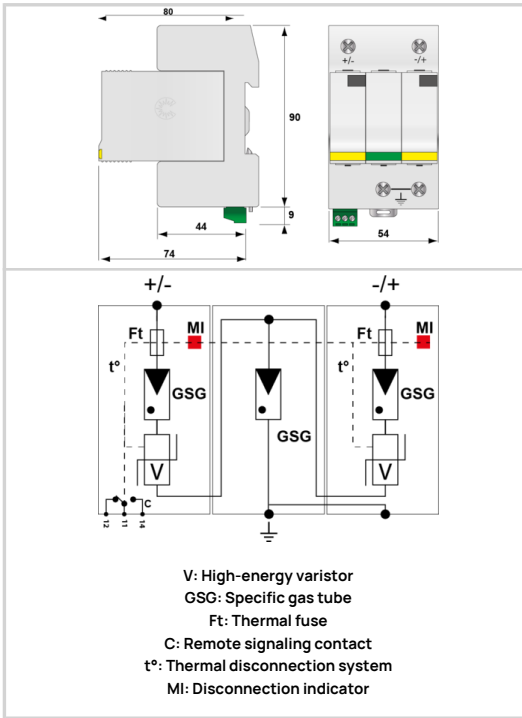


# DS50VGPVS-1500G/51



- ↳ UL Type 1 CA DC SPD for PV Systems
- VG Technology for Maximum Performance
- Zero Leakage Current
- Zero Current Working
- I<sub>max</sub> : 40kA/pole at 8/20µs
- I<sub>n</sub> : IEC 20kA/pole, UL 10kA/pole at 8/20µs
- UL 1449 4th Edition Recognized



Electrical Characteristics	
Protection mode(s)	Common/Differential mode
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+-DC-,DC+-G,DC--G
VPR	(V) 5000/3000/3000
MCOV	(V) 1500/1500/1500
IN(15 impulses 8/20µs)	(kA) 10
SCCR	(kA) 50
Mechanical Characteristics	
Outdoor application	false
Weight	0.327 kg
TECHNOLOGY	MOV+GSG
NETWORK CONFIGURATION	3 poles, 2W+G
CONNECTION METHOD	Screw Terminal (8-12AWG)
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 (mm)
Standards	
Certification	UL / EAC
UL STANDARD	UL1449 4th Edition
UL FILE NUMBER	E326289
Part number	
<b>481511</b>	

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