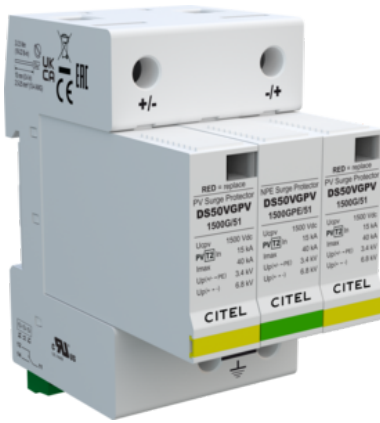


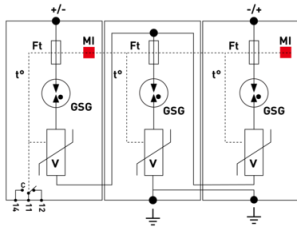
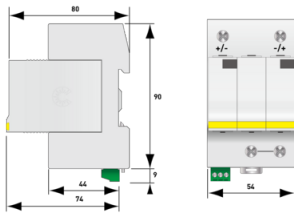


CITEL

DS50VGPVS-1500G/51



- ↳ UL Type 1 CA DC SPD for PV Systems
- VG Technology for Maximum Performance
- Zero Leakage Current
- Zero Current Working
- I<sub>max</sub> : 40kA/pole at 8/20µs
- I<sub>n</sub> : IEC 20kA/pole, UL 10kA/pole at 8/20µs
- UL 1449 5th Edition Recognized



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

Electrical Characteristics		
Protection mode(s)		Common/Differential mode
Protection level +/PE (-/PE) @ In (8/20µs)	Up	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
IN	(kA)	10
15 impulses 8/20µs		
SCCR	(kA)	50
Mechanical Characteristics		
Connection to Network		By screw terminals: 2.5-25mm <sup>2</sup>
Weight		0.327 kg
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		
481511		



# Mouser Electronics

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